NLDS
NICDC LOGISTICS DATA SERVICES LTD
Logistics Redefined

LOGISTICS DATA BANK

ANALYTICS REPORT

DECEMBER 2024

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NATIONAL LOGISTICS POLICY

LAUNCHED BY **HON'BLE PRIME MINISTER SHRI NARENDRA MODI** ON 17th SEPTEMBER 2022

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Logistics Redefined

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LDB AT A GLANCE

78 MILLION+
CONTAINERS HANDLED

184	Toll Plaza Coverage
558+	CFS/ICD/EY/ICP/IZ/ PP/SEZ Coverage
600+	Operators deployed at ports
100%	EXIM Container Terminals covered
4300+	RFID readers deployed PAN India
EDI	with FOIS and 28 Port Terminals

PORT PERFORMANCE

(November'24 vs December'24)

DWELL TIME

WESTERN REGION

Import Cycle : 12.2% (27.1 hrs to 23.8 hrs) ▼

Export Cycle : 1.6% (87.7 hrs to 86.3 hrs) ▼

TOP-PERFORMER : Bharat Mumbai Container Terminals (PSA)

EASTERN REGION

Import Cycle : 11.0% (59.4 hrs to 53 hrs) ▼

Export Cycle : 15.3% (104.1 hrs to 120 hrs) ▲

TOP-PERFORMER : Visakha Container Terminal

SOUTHERN REGION

Import Cycle : 0.8% (48.9 hrs to 49.3 hrs) ▲

Export Cycle : 0.8% (95.6 hrs to 94.8 hrs) ▼

TOP-PERFORMER : Chennai Container Terminals Pvt. Ltd. (CCTPL)

TOP PERFORMERS OF DECEMBER 2024 PAN INDIA

TERMINAL
Bharat Mumbai Container Terminals (PSA)

CFS
CWC Polaris Logistics Park

ICD
Dronagiri Rail Terminal CFS, Navi Mumbai

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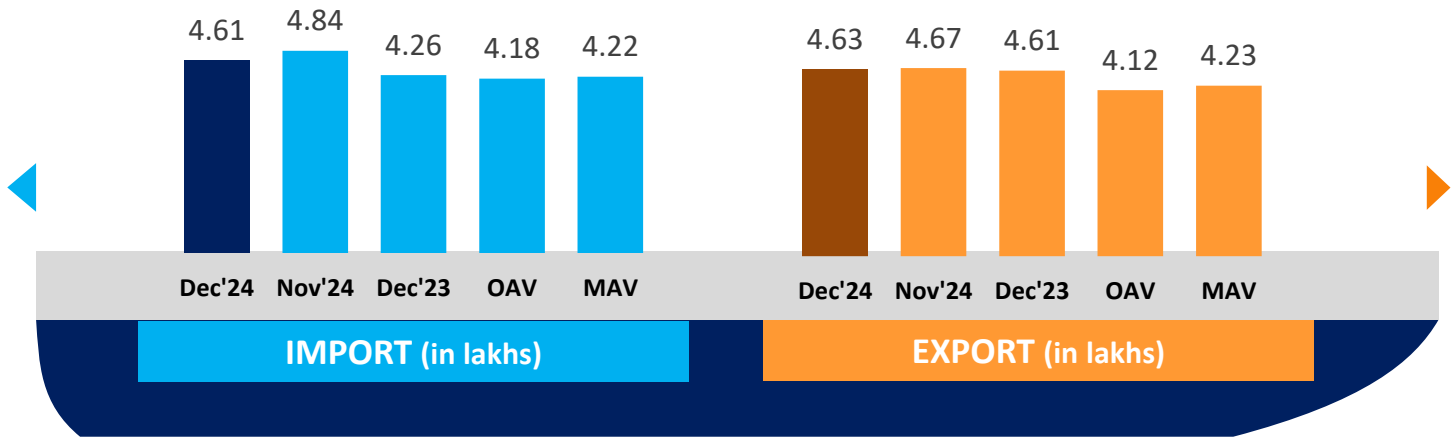
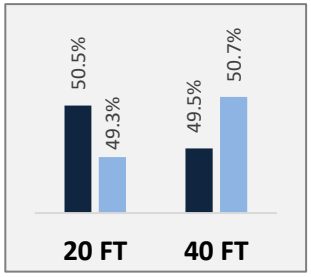
01
PAN INDIA PERFORMANCE

Container Count: **PAN India**

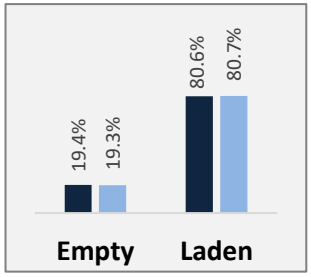
PAN India



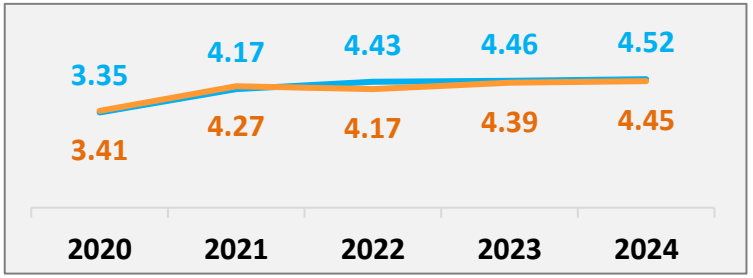
Container Size-wise (Import)



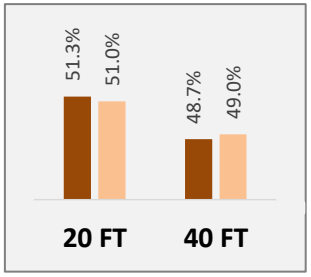
Container Type-wise (Import)



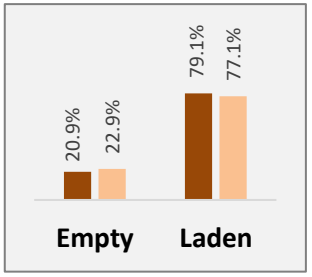
Container Count - Annual Average (in lakhs/ month)



Container Size-wise (Export)



Container Type-wise (Export)

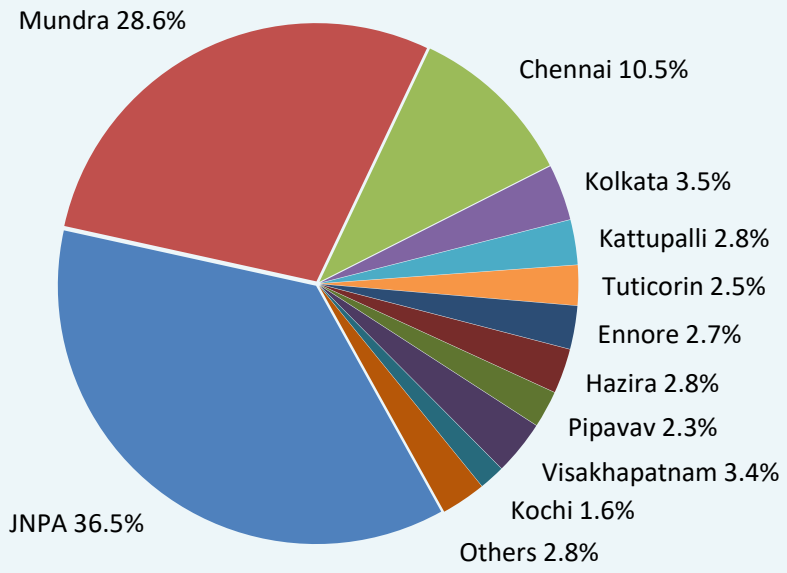


OAV – Overall Avg Volume
MAV – Monthly Avg Volume

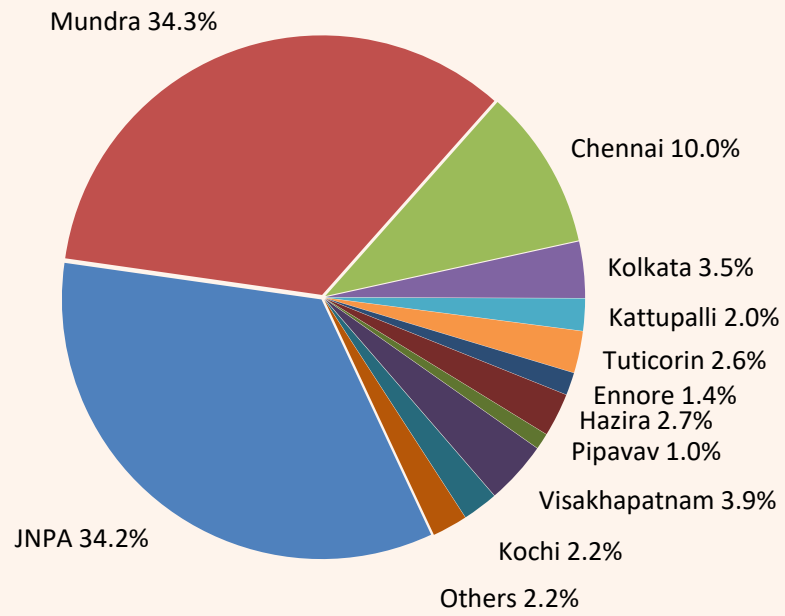
PAN India Distribution

Distribution of EXIM containers for the month of December 2024 across all ports:

Import Containers Distribution (49.9%)
(Container count in % for Dec'24)



Export Containers Distribution (50.1%)
(Container count in % for Dec'24)



In the previous month, container distribution in Import and Export cycle was 50.9% and 49.1% respectively.

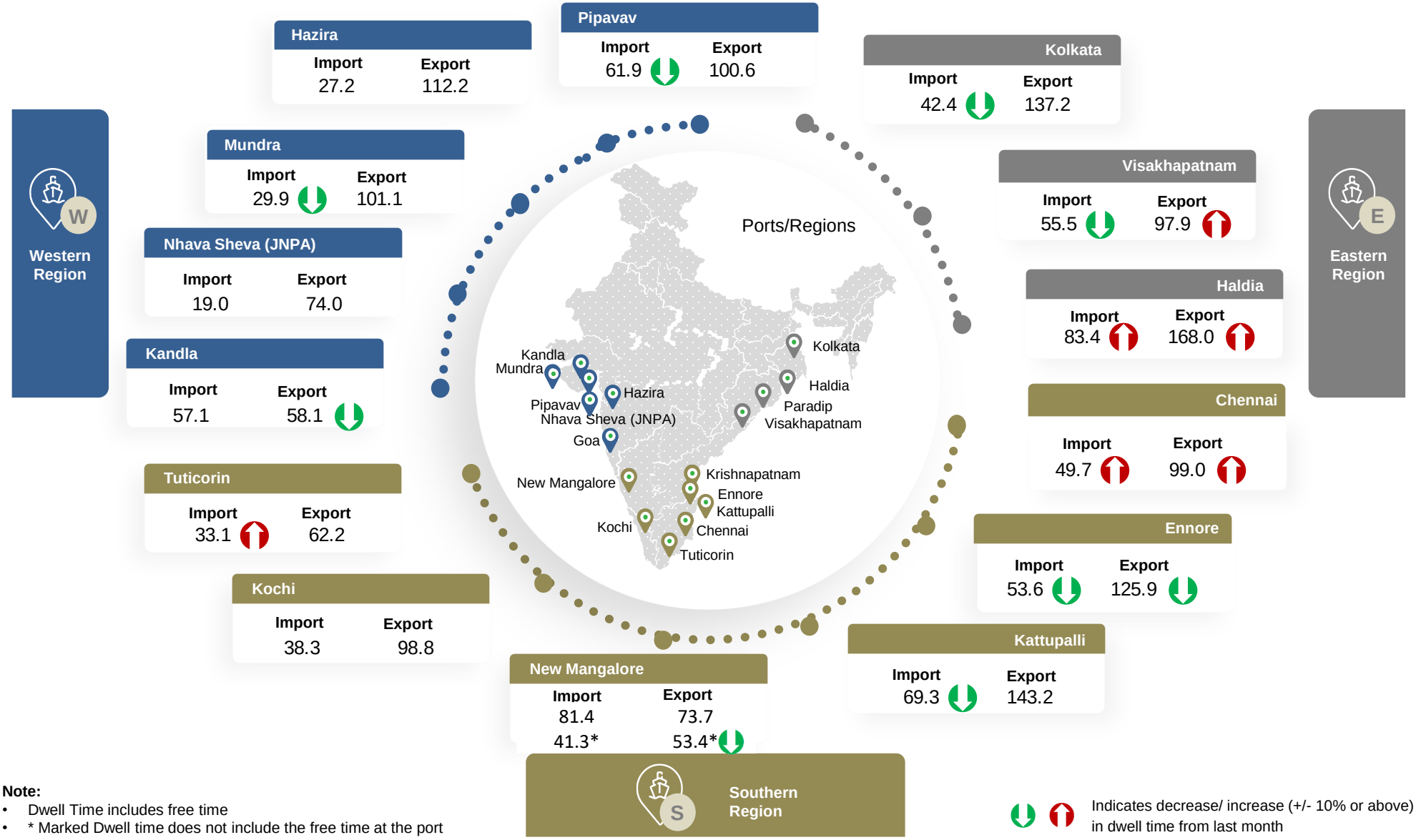
Others include Kandla, Haldia, Paradip and New Mangalore

Key Observations

In comparison with November 2024:

Pan India	• Container count (no. of boxes) has **decreased by 4.7%** in import cycle due to decrease in western and southern regions, where the volume handled has **decreased by 6% and 2%,** respectively. • Top performing terminal for this month is Bharat Mumbai Container Terminals (PSA).
Western Region	• Mundra port dwell time **performance has improved by 22%** in import cycle. This outcome can be attributed to last month's dwell time which was unusually high (i.e., 33% reduction in performance from OADT) because of shortage of space in CFS due to surge in container count and have since been adjusted due to faster clearance leading to reduced waiting time inside the terminal yards. • JNPA port dwell time of rail bound containers **performance has reduced by 50%** in import cycle. This decline is attributed to an increase in rail container pendency which has resulted in congestion and delay in container clearance at the terminal gate.
Southern Region	• Ennore port dwell time **performance has improved by 32%** in import cycle and **improved by 16%** in export cycle. The operations are returning to normalcy since last month where the dwell time was unusually high (i.e., 78% and 47% reduction in performance from OADT in import and export cycles respectively) because of IT system migration of the Terminal Operating System (TOS). • Chennai port dwell time **performance has reduced by 18%** in import cycle. The decline in performance is attributed to an increase in container volume compared to the previous month, which is due to seasonal variations and December festivals.
Eastern Region	• Kolkata port dwell time **performance has improved by 16%** in import cycle. Low vessel calling has resulted in 9% decrease in container count as compared to overall average which has led to lower congestion and improved dwell time at the terminal. • Haldia port dwell time **performance has reduced by 15%** in import cycle and **reduced by 16%** in export cycle as there was high vessel calling before festive season, leading to delayed container clearance at the port. • Kolkata CFS transit time **performance has reduced by 17%** in export cycle due to truck entry restrictions at Garden Reach Road causing heavy congestion.

Dwell Time Performance (December 2024): **PAN India**



Note:

- Dwell Time includes free time
- * Marked Dwell time does not include the free time at the port
- All values are in hours

Indicates decrease/ increase (+/- 10% or above) in dwell time from last month

Dwell Time Performance: **Region-wise Port Import & Export Cycle**

Western Region

Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)
Dec'24	23.8 ↓	86.3 ↓
Nov'24	27.1	87.7
Dec'23	23.1	85.7
OADT	25.6	91.6
MADT	25.5	88.4

Southern Region

Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)
Dec'24	49.3 ↑	94.8 ↓
Nov'24	48.9	95.6
Dec'23	66.4	83.3
OADT	42.9	86.8
MADT	50.2	90.8

Eastern Region

Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)
Dec'24	53.0 ↓	120.0 ↑
Nov'24	59.4	104.1
Dec'23	48.5	93.8
OADT	49.5	107.8
MADT	47.4	107.6

OADT – Overall Avg Dwell Time
MADT – Monthly Avg Dwell Time

↓ ↑ Indicates decrease/ increase in dwell time from last month

Dwell Time Performance: **Port Import Cycle**

IMPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)	Dec'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western Region	**23.8**		**27.1**	**23.1**	**25.6**	**25.5**
JNPA	19.0	↓	20.8	18.2	22.1	21.3
Mundra	29.9	↓	38.2	31.3	28.8	29.6
Pipavav	61.9	↓	82.1	87.8	54.5	75.5
Kandla	57.1	↓	63.1	45.3	46.8	51.4
Hazira	27.2	↑	25.9	21.7	31.1	26.6
Southern Region	**49.3**		**48.9**	**66.4**	**42.9**	**50.2**
Chennai	49.7	↑	42.1	67.9	45.4	53.4
Kochi	38.3	↓	41.0	33.7	41.9	39.4
Kattupalli	69.3	↓	93.8	90.1	56.6	73.0
Tuticorin	33.1	↑	23.7	19.8	22.4	23.2
Ennore	53.6	↓	79.2	85.4	44.5	62.0
New Mangalore	41.3*	↓	42.1*	73.4	74.5	60.5
Eastern Region	**53.0**		**59.4**	**48.5**	**49.5**	**47.4**
Visakhapatnam	55.5	↓	62.5	50.6	58.8	56.2
Kolkata	42.4	↓	50.5	43.6	36.6	36.5
Haldia	83.4	↑	72.3	83.6	87.6	85.1

OADT – Overall Avg Dwell Time
MADT – Monthly Avg Dwell Time

***Note:** Marked months' New Mangalore dwell time does not include the free time at the port

↓ ↑ Indicates decrease/ increase in dwell time from last month

Dwell Time Performance: **Port Export Cycle**

EXPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)	Dec'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western Region	**86.3**		**87.7**	**85.7**	**91.6**	**88.4**
JNPA	74.0	↓	77.9	70.1	74.2	72.4
Mundra	101.1	↑	100.8	101.9	113.0	106.2
Pipavav	100.6	↑	92.2	84.8	112.6	99.1
Kandla	58.1	↓	66.8	78.2	109.7	126.3
Hazira	112.2	↑	109.4	110.9	119.1	114.8
Southern Region	**94.8**		**95.6**	**83.3**	**86.8**	**90.8**
Chennai	99.0	↑	89.6	90.5	91.8	96.0
Kochi	98.8	↑	95.0	82.9	91.5	97.5
Kattupalli	143.2	↑	141.9	99.0	95.3	108.7
Tuticorin	62.2	↓	63.4	58.2	64.2	64.0
Ennore	125.9	↓	149.0	89.0	101.6	110.8
New Mangalore	53.4*	↓	59.4*	81.3	85.2	74.5
Eastern Region	**120.0**		**104.1**	**93.8**	**107.8**	**107.6**
Visakhapatnam	97.9	↑	84.4	92.4	93.2	100.0
Kolkata	137.2	↑	127.8	87.2	124.5	111.0
Haldia	168.0	↑	145.0	141.3	128.2	128.1

OADT – Overall Avg Dwell Time
MADT – Monthly Avg Dwell Time

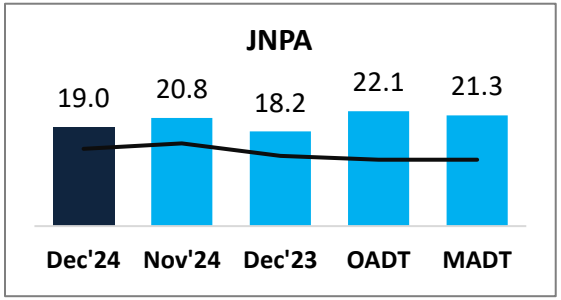
***Note:** Marked months' New Mangalore dwell time does not include the free time at the port

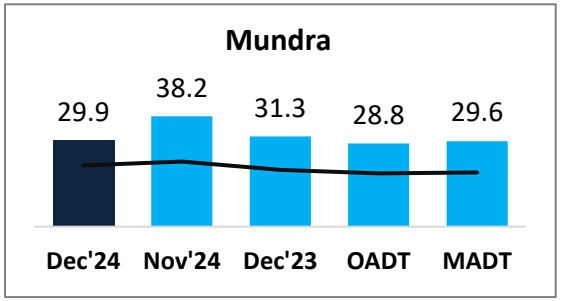
↓ ↑ Indicates decrease/ increase in dwell time from last month

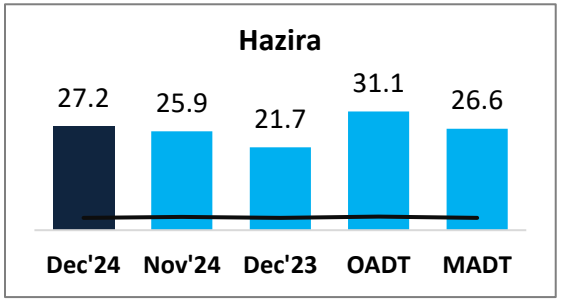
Port Performance Comparison: **Import Cycle**

Port dwell time performance across various time frames:

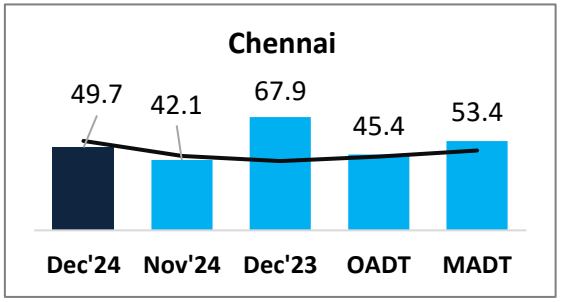
Western Region
(Container count share 71.0%)

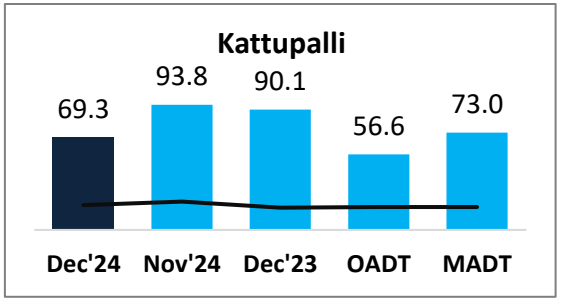


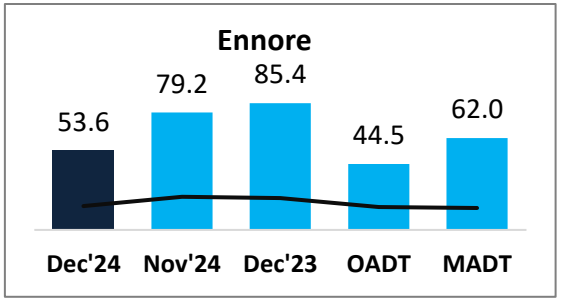




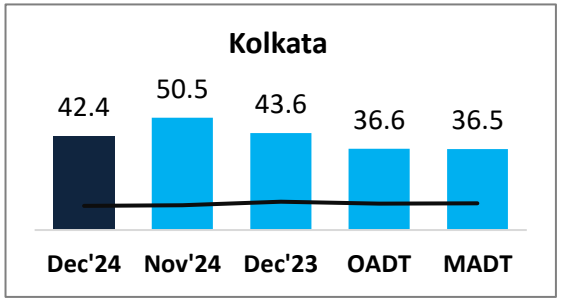
Southern Region
(Container count share 20.8%)

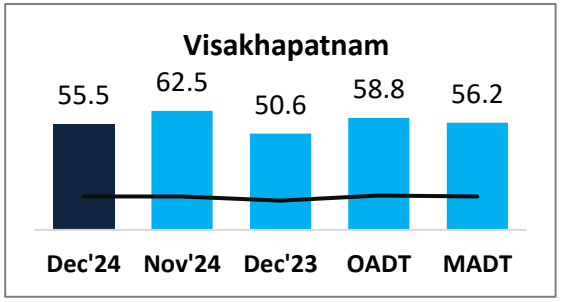


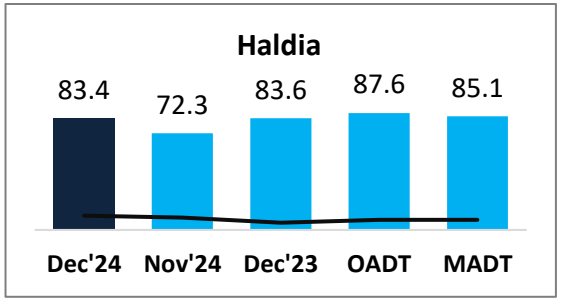




Eastern Region
(Container count share 8.2%)







—— Represents the trend of container count (no. of boxes)

OADT – Overall Avg Dwell Time

MADT – Monthly Avg Dwell Time

Note:

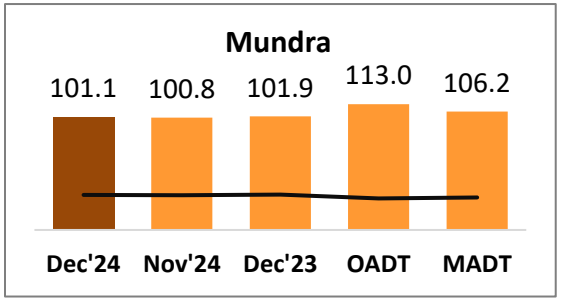
All values are in hours

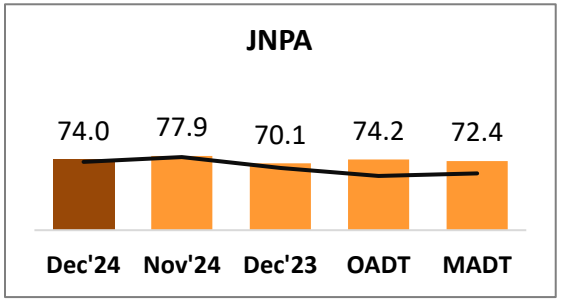
Top 3 ports of the region based on container count are showcased

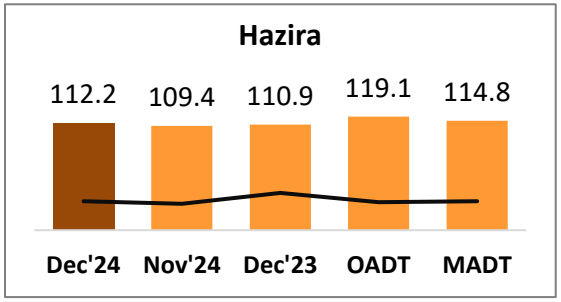
Port Performance Comparison: **Export Cycle**

Port dwell time performance across various time frames:

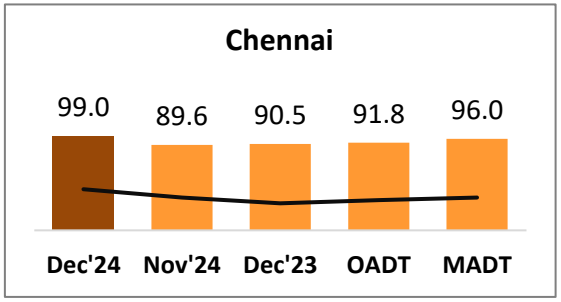
Western Region
(Container count share 72.4%)

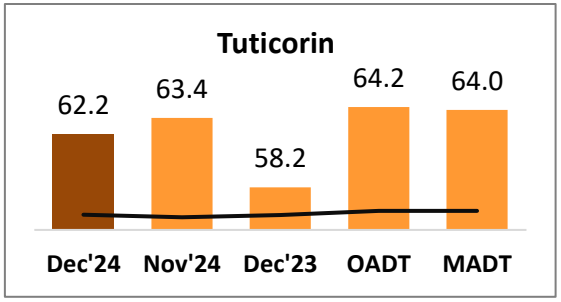


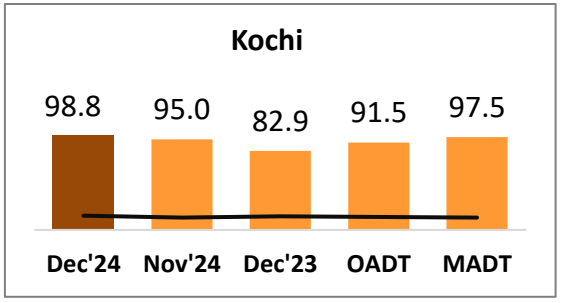




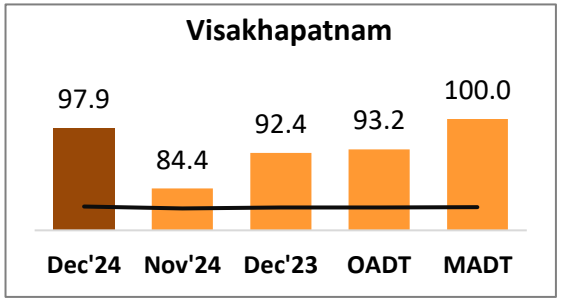
Southern Region
(Container count share 19.0%)

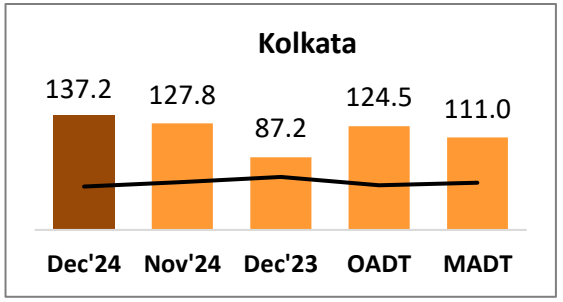


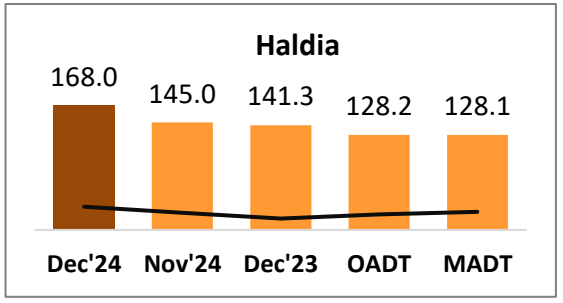




Eastern Region
(Container count share 8.6%)







—— Represents the trend of container count (no. of boxes)
OADT – Overall Avg Dwell Time
MADT – Monthly Avg Dwell Time

Note:
All values are in hours
Top 3 ports of the region based on container count are showcased

Dwell Time Performance: **Entry & Exit Type – Region wise**

Port dwell time of containers based on container entry and exit type:

DPD

IMPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)	Dec'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	18.3	↓	24.5	24.3	29.4	27.1
Southern	52.9	↓	79.2	78.7	51.1	59.4
Eastern	96.1	↓	113.8	97.3	82.2	81.6

Non DPD

IMPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)	Dec'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	24.3	↓	27.3	23.1	24.3	24.5
Southern	48.9	↑	48.3	65.3	38.2	45.3
Eastern	49.2	↓	53.9	42.8	47.3	45.6

DPE

EXPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)	Dec'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	73.2	↓	75.4	76.3	77.5	78.6
Southern	-		-	82.3	90.6	89.0
Eastern	139.1	↑	122.2	115.2	122.5	120.0

Non DPE

EXPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)	Dec'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	88.6	↓	89.4	86.8	82.9	82.1
Southern	99.5	↓	99.9	80.1	84.0	89.0
Eastern	110.0	↑	95.8	76.1	92.9	96.0

OADT – Overall Avg Dwell Time
MADT – Monthly Avg Dwell Time

↓ ↑ Indicates decrease/ increase in dwell time from last month

Dwell Time Performance: **Container Size – Region wise**

Port dwell time of containers based on container size:

40 FT

IMPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)	Dec'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	22.8	↓	26.7	22.5	25.6	24.9
Southern	48.6	↑	48.1	64.4	40.9	47.7
Eastern	49.8	↓	57.1	44.3	44.4	42.9

20 FT

IMPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)	Dec'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	24.8	↓	27.6	23.8	25.6	26.2
Southern	50.0	↑	49.9	68.0	44.5	52.5
Eastern	55.0	↓	60.3	50.8	52.7	50.8

40 FT

EXPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)	Dec'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	86.2	↓	89.1	86.3	91.2	89.0
Southern	97.9	↓	98.7	84.7	89.8	93.2
Eastern	120.0	↑	105.7	101.3	108.6	107.3

20 FT

EXPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)	Dec'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	86.5	↑	86.4	85.0	91.9	87.8
Southern	91.7	↓	94.8	81.3	83.7	87.9
Eastern	120.0	↑	103.5	89.6	107.4	107.7

OADT – Overall Avg Dwell Time
MADT – Monthly Avg Dwell Time

↓ ↑ Indicates decrease/ increase in dwell time from last month

Dwell Time Performance: **Container State – Region wise**

Port dwell time of containers based on container state:

Empty

IMPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)	Dec'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	26.8	↓	29.6	22.3	31.0	28.3
Southern	44.2	↑	38.2	79.4	35.8	41.2
Eastern	69.1	↓	99.6	98.4	62.4	63.0

Laden

IMPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)	Dec'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	22.7	↓	26.3	23.3	23.6	24.0
Southern	45.7	↑	37.5	58.3	41.8	46.3
Eastern	51.3	↓	56.1	46.3	49.9	47.9

Empty

EXPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)	Dec'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	73.6	↓	77.4	72.7	68.6	70.2
Southern	86.8	↓	98.8	81.2	77.2	73.7
Eastern	73.2	↑	61.7	46.3	56.4	56.9

Laden

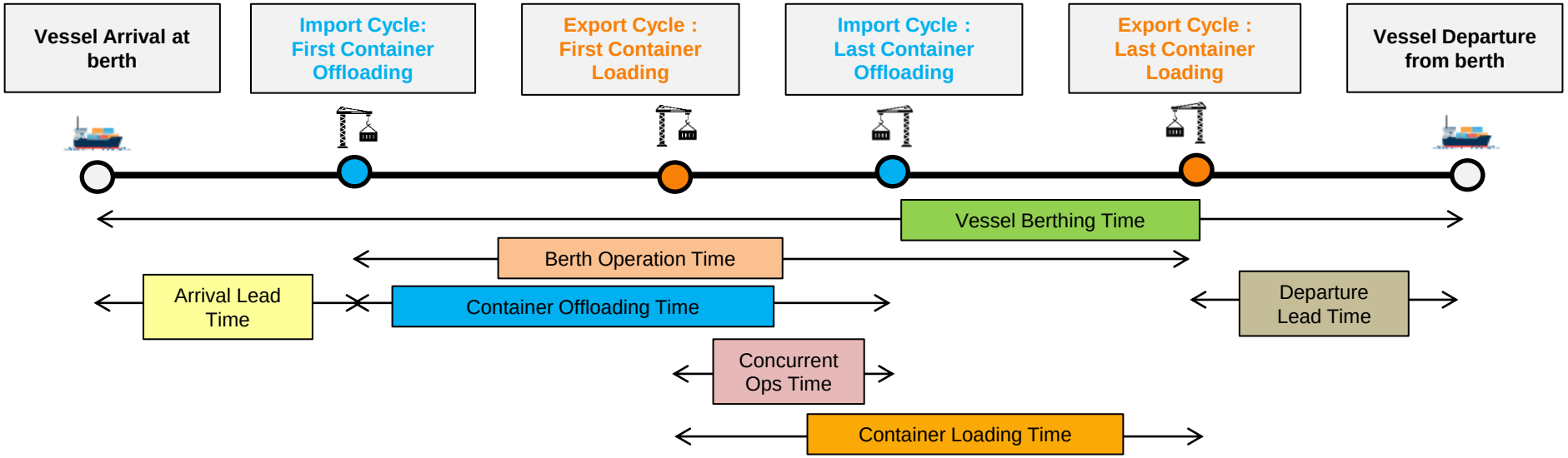
EXPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)	Dec'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	89.9	↓	91.1	90.8	92.6	90.1
Southern	87.8	↑	76.0	85.4	87.2	90.9
Eastern	130.8	↑	117.7	110.5	116.0	114.2

OADT – Overall Avg Dwell Time
MADT – Monthly Avg Dwell Time

↓ ↑ Indicates decrease/ increase in dwell time from last month

Vessel Analysis: **PAN India**



Dec'24	Vessel Berthing Time (in Hrs.)	Arrival Lead Time (in Hrs.)	Offloading Time (Minutes/ Cntr)	Berth Productivity (Minutes/ Cntr)	Loading Time (Minutes/ Cntr)	Concurrent Operations Time (%)	Departure Lead Time (in Hrs.)
PAN India	21.5	2.1	5.4	2.1	2.3	48.4%	1.4
Mundra	25.3	2.8	-	2.1	1.7	48.8%	1.3
JNPA	20.1	1.2	2.3	1.6	2.0	48.2%	1.0
Other Western	23.6	-	-	1.1	2.8	-	1.3
Southern	21.6	2.8	3.4	2.0	2.6	45.1%	1.5
Eastern	22.6	1.3	7.5	4.3	5.2	45.1%	2.0

Performance Benchmarking: **PAN India Terminals**

Performance benchmarking of terminals based on dwell time vis-à-vis container count (no. of boxes) handled:

Abb.	Terminals	Container count
A	Adani CMA Mundra Terminal (ACMTPL)	5.32%
B	Adani Hazira Port Private Limited (AHPPL)	2.72%
C	Adani International Container Terminal (AICTPL)	7.09%
D	Adani Mundra Container Terminal (AMCT)	5.33%
E	Bharat Mumbai Container Terminals(PSA)	10.41%
F	Gateway Terminals India (GTI)	11.19%
G	APM Terminals Pipavav, Gujarat	1.65%
H	Nhava Sheva Freeport Terminal (NSFT)	2.29%
I	Mundra International Container Terminal (MICT)	8.12%
J	Nhava Sheva India Gateway Terminal (NSIGT)	5.25%
K	Nhava Sheva International Container Terminal (NSICT)	6.20%
L	Kandla International Container Terminal (KICT)	0.58%
M	Adani Mundra Container Terminal-2 (AMCT-2)	5.62%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.46%
O	Chennai International Terminals Pvt Ltd (CITPL)	5.80%
P	Dakshin Bharat Gateway Terminal (DBGT)	2.55%
Q	International Container Transhipment Terminal, Kochi	1.89%
R	Adani Kattupalli Port Private Limited (AKPPL)	2.41%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)*	0.79%
U	Adani Ennore Container Terminal	2.05%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haldia International Container Terminal (HICT)	1.16%
X	Kolkata Dock System (KDS) , Kolkata Port	3.51%
Y	Visakha Container Terminal	3.61%

X-Axis: Dwell Time
Threshold value (in hours): 64.9

Y-Axis: No. of Boxes
Threshold value (no. of boxes): 40,125

*Note: For MCTPL the free time is not included in the calculations

Star Performer ★★★
Entities with high container count and low dwell time

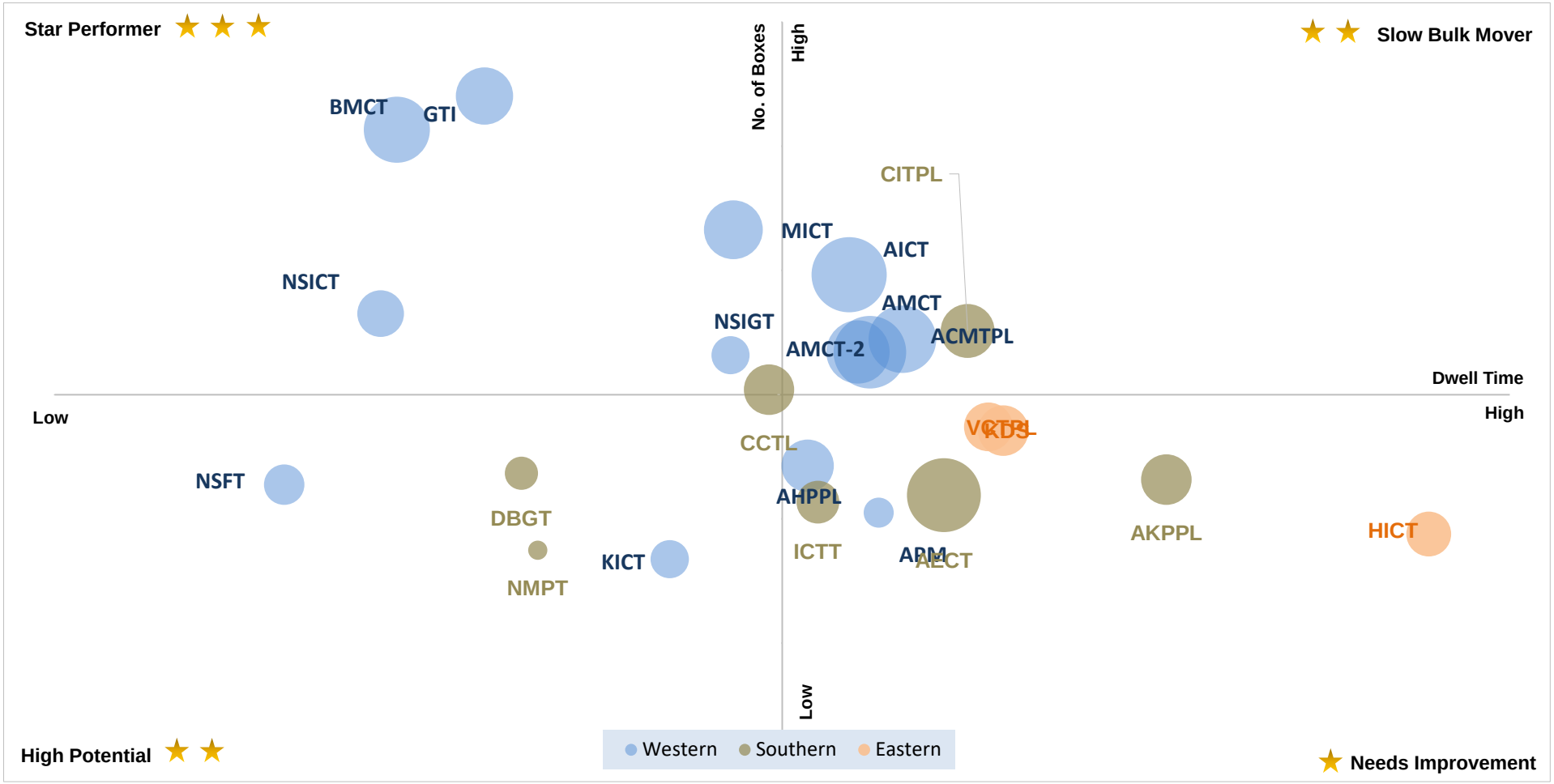
High Potential ★★
Entities with low container count and low dwell time

Slow Bulk Mover ★★
Entities with high container count and high dwell time

Needs Improvement ★
Entities with low container count and high dwell time

Performance Benchmarking: **PAN India Terminals**

Performance benchmarking of terminals based on dwell time, container count (no. of boxes) handled, and terminal capacity for Dec'24:



X-Axis: Dwell Time
Threshold value (in hours): 64.9

Bubble size represents the terminal capacity

Y-Axis: No. of Boxes
Threshold value (no. of boxes): 40,125

Star Performer ★ ★ ★
Entities with high container count and low dwell time

High Potential ★ ★
Entities with low container count and low dwell time

Slow Bulk Mover ★ ★
Entities with high container count and high dwell time

Needs Improvement ★
Entities with low container count and high dwell time

Note: Terminal abbreviation details are mentioned in annexure

Performance Benchmarking (Previous year same month): **PAN India Terminals**

Performance benchmarking of terminals based on the change from previous year same month in dwell time vis-a-vis container count (no. of boxes) handled:

Abb.	Terminals	Container count
A	Adani CMA Mundra Terminal (ACMTPL)	5.32%
B	Adani Hazira Port Private Limited (AHPPL)	2.72%
C	Adani International Container Terminal (AICTPL)	7.09%
D	Adani Mundra Container Terminal (AMCT)	5.33%
E	Bharat Mumbai Container Terminals(PSA)	10.41%
F	Gateway Terminals India (GTI)	11.19%
G	APM Terminals Pipavav, Gujarat	1.65%
H	Nhava Sheva Freeport Terminal (NSFT)	2.29%
I	Mundra International Container Terminal (MICT)	8.12%
J	Nhava Sheva India Gateway Terminal (NSIGT)	5.25%
K	Nhava Sheva International Container Terminal (NSICT)	6.20%
L	Kandla International Container Terminal (KICT)	0.58%
M	Adani Mundra Container Terminal-2 (AMCT-2)	5.62%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.46%
O	Chennai International Terminals Pvt Ltd (CITPL)	5.80%
P	Dakshin Bharat Gateway Terminal (DBGT)	2.55%
Q	International Container Transhipment Terminal, Kochi	1.89%
R	Adani Kattupalli Port Private Limited (AKPPL)	2.41%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)*	0.79%
U	Adani Ennore Container Terminal	2.05%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haldia International Container Terminal (HICT)	1.16%
X	Kolkata Dock System (KDS) , Kolkata Port	3.51%
Y	Visakha Container Terminal	3.61%

X-Axis: Change in dwell time

Y-Axis: Change in no. of boxes

*Note: For MCTPL the free time is not included in the calculations for current month

Star Performer ★★★

Entities with improved dwell time performance and an increase in containers (no. of boxes) handled

High Potential ★★

Entities with improved dwell time performance and a decrease in containers (no. of boxes) handled

Slow Bulk Mover ★★

Entities with a decline in dwell time performance and an increase in containers (no. of boxes) handled

Needs Improvement ★

Entities with a decline in dwell time performance and decrease in containers (no. of boxes) handled

Performance Benchmarking (Capacity & Dwell time): **PAN India Terminals**

Performance benchmarking of terminals based on dwell time vis-a-vis capacity (in TEU):

Abb.	Terminals	Container count
A	Adani CMA Mundra Terminal (ACMTPL)	5.32%
B	Adani Hazira Port Private Limited (AHPPL)	2.72%
C	Adani International Container Terminal (AICTPL)	7.09%
D	Adani Mundra Container Terminal (AMCT)	5.33%
E	Bharat Mumbai Container Terminals(PSA)	10.41%
F	Gateway Terminals India (GTI)	11.19%
G	APM Terminals Pipavav, Gujarat	1.65%
H	Nhava Sheva Freeport Terminal (NSFT)	2.29%
I	Mundra International Container Terminal (MICT)	8.12%
J	Nhava Sheva India Gateway Terminal (NSIGT)	5.25%
K	Nhava Sheva International Container Terminal (NSICT)	6.20%
L	Kandla International Container Terminal (KICT)	0.58%
M	Adani Mundra Container Terminal-2 (AMCT-2)	5.62%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.46%
O	Chennai International Terminals Pvt Ltd (CITPL)	5.80%
P	Dakshin Bharat Gateway Terminal (DBGT)	2.55%
Q	International Container Transhipment Terminal, Kochi	1.89%
R	Adani Kattupalli Port Private Limited (AKPPL)	2.41%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)*	0.79%
U	Adani Ennore Container Terminal	2.05%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haldia International Container Terminal (HICT)	1.16%
X	Kolkata Dock System (KDS) , Kolkata Port	3.51%
Y	Visakha Container Terminal	3.61%

X-Axis: Dwell Time

*Note: For MCTPL the free time is not included in the calculations

Y-Axis: TEU Capacity

Star Performer ★★★

Entities with high TEU capacity and low dwell time

High Potential ★★

Entities with low TEU capacity and low dwell time

Slow Bulk Mover ★★

Entities with high TEU capacity and high dwell time

Needs Improvement ★

Entities with low TEU capacity and high dwell time

Dwell Time Performance: **CFS Import Cycle**

IMPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)	Dec'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western Region	**85.3**		**96.1**	**100.3**	**92.0**	**90.7**
JNPA	78.0	↓	90.3	92.6	85.0	81.4
Mundra	98.8	↓	107.6	111.2	101.6	104.6
Pipavav	70.9		-	81.1	85.0	78.8
Hazira	120.0	↑	119.2	73.4	104.8	102.9
Southern Region	**120.9**		**142.5**	**133.7**	**128.4**	**126.3**
Chennai, Ennore, Kattupalli	114.6	↓	139.1	126.7	119.8	120.9
Kochi	125.3	↓	127.1	128.8	124.2	124.0
Tuticorin	161.6	↓	188.9	180.0	166.6	161.4
Eastern Region	**143.9**		**154.7**	**160.4**	**147.5**	**149.3**
Visakhapatnam	176.5	↓	185.4	201.2	170.3	185.2
Kolkata	134.6	↓	145.0	144.0	139.9	137.2
Haldia	141.8	↓	153.6	124.7	143.4	129.6

Below are number of CFSs across various ports:

JNPA	Mundra	Pipavav	Hazira	Chennai, Ennore, Kattupalli	Kochi	Tuticorin	Visakhapatnam	Kolkata	Haldia
34	15	3	5	32	5	17	9	7	4

OADT – Overall Avg Dwell Time
MADT – Monthly Avg Dwell Time

↓ ↑ Indicates decrease/ increase in dwell time from last month

Dwell Time Performance: **CFS Export Cycle**

EXPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)	Dec'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western Region	**62.3**		**63.8**	**55.8**	**67.4**	**61.6**
JNPA	67.3	↓	67.4	55.9	74.5	69.2
Mundra	57.2	↓	59.0	55.5	58.6	55.3
Pipavav	-		-	62.6	70.0	55.7
Southern Region	**45.2**		**51.4**	**39.7**	**39.3**	**41.0**
Chennai, Ennore, Kattupalli	55.3	↓	59.2	46.8	45.0	48.0
Tuticorin	26.6	↓	27.3	22.4	25.2	24.8
Kochi	26.4		-	-	-	-
Eastern Region	**82.5**		**113.2**	**121.5**	**95.8**	**100.1**
Visakhapatnam	81.9	↓	83.4	84.5	82.9	90.2
Kolkata	83.2	↓	130.8	144.1	104.7	110.8

Below are number of CFSs across various ports:

JNPA	Mundra	Pipavav	Hazira	Chennai, Ennore, Kattupalli	Kochi	Tuticorin	Visakhapatnam	Kolkata	Haldia
34	15	3	5	32	5	17	9	7	4

OADT – Overall Avg Dwell Time
MADT – Monthly Avg Dwell Time

↓ ↑ Indicates decrease/ increase in dwell time from last month

Performance Benchmarking: **PAN India CFSs**

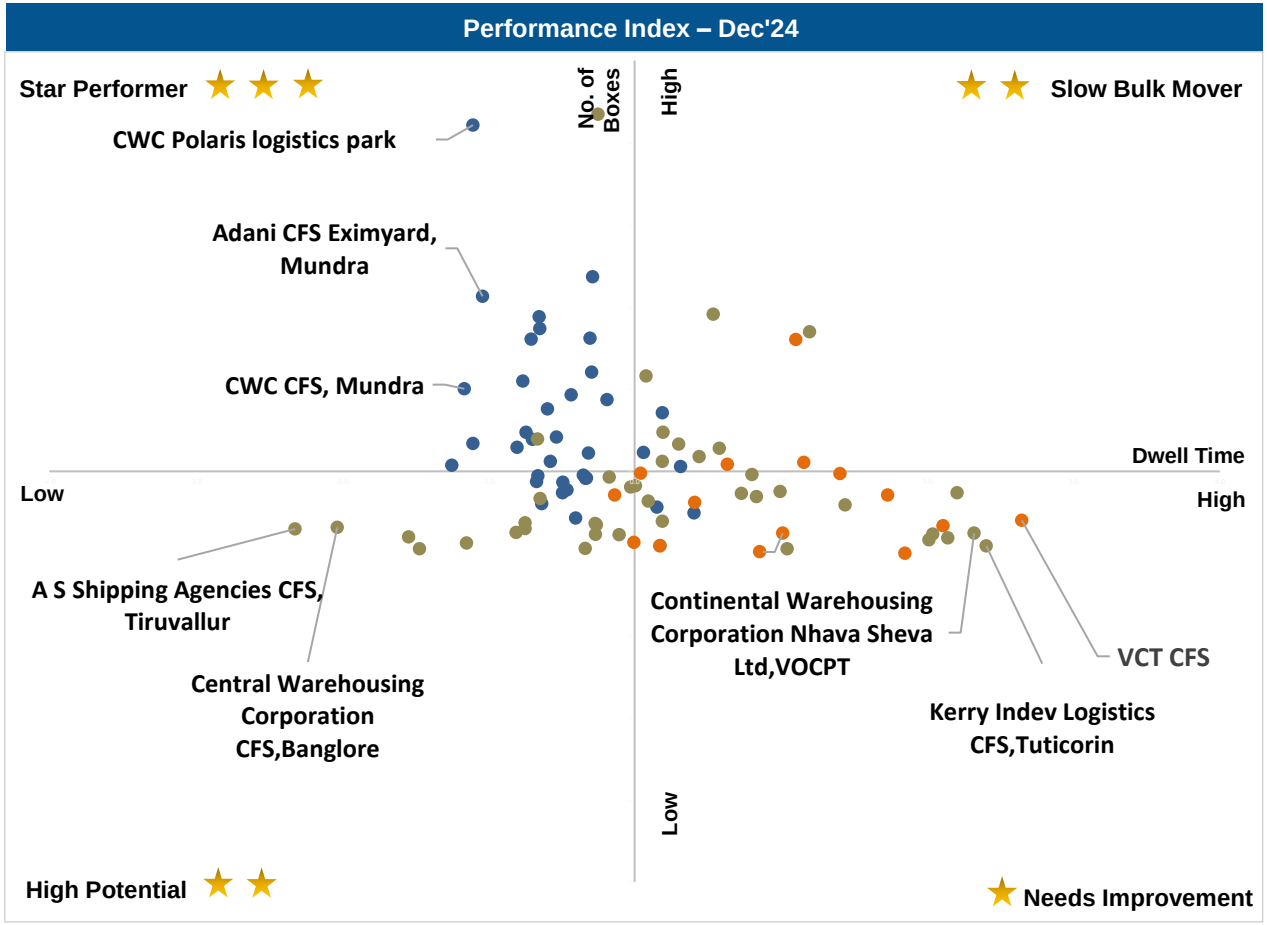
Performance benchmarking of CFSs based on dwell time vis-a-vis container count (no. of boxes) handled:

Top Performing CFS

CWC Polaris logistics park
Adani CFS Eximyard, Mundra
CWC CFS, Mundra

High Potential CFS

A S Shipping Agencies CFS, Tiruvallur
Central Warehousing Corporation CFS,Banglore



Low Performing CFS

VCT CFS
Kerry Indev Logistics CFS,Tuticorin
Continental Warehousing Corporation Nhava Sheva Ltd, VOCPT

X-Axis: Dwell Time

Y-Axis: No. of Boxes

Star Performer ★★★
Entities with high container count and low dwell time

High Potential ★★
Entities with low container count and low dwell time

Slow Bulk Mover ★★
Entities with high container count and high dwell time

Needs Improvement ★
Entities with low container count and high dwell time

Dwell Time Performance: **ICD Import & Export Cycle**

IMPORT

	Nov'24 (in hrs)		Nov'24 (in hrs)	Dec'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western Region	120.8	↓	134.7	152.1	128.7	134.6
Southern Region	165.3	↓	165.5	147.6	125.4	160.0
Eastern Region	-		-	109.2	107.4	99.5
Northern Region	127.1	↑	125.8	137.3	129.1	131.6

EXPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)	Dec'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western Region	105.2	↓	110.4	109.2	100.5	101.9
Southern Region	121.3		-	-	-	-
Eastern Region	110.5		-	-	-	-
Northern Region	103.7	↓	111.7	106.2	100.2	100.7

OADT – Overall Avg Dwell Time
MADT – Monthly Avg Dwell Time

↓ ↑ Indicates decrease/ increase in dwell time from last month

Note: Southern and Eastern Region ICD Export Dwell Time is available from Dec'24

ICD Performance Benchmarking: **PAN India**

Performance benchmarking of ICDs based on dwell time vis-a-vis container count (no. of boxes) handled:

Top Performing ICD

Dronagiri Rail Terminal CFS, Navi Mumbai

High Potential ICD

MMLP PANTHNAGAR (SIDCUL-CONCOR)

Low Performing ICD

MMLP TIHI

Note:
Please refer annexure for ICD names

Dwell Time Performance: **Domestic Containers**

Terminal dwell time performance for handling domestic containers:

Terminals	Dwell time for handling domestic containers			Overall domestic containers distribution among terminals	
	Dec'24 (in hrs)		Nov'24 (in hrs)	Dec'24 (%)	Nov'24 (%)
International Container Transhipment Terminal, Kochi	69.5	↑	65.4	31.40%	25.30%
PSA SICAL Terminals	-		70.3	-	7.90%
Visakha Container Terminal	65.4	↑	43.6	14.10%	13.40%
Bharat Mumbai Container Terminals(PSA)	10.1	↓	15.4	7.00%	11.20%
Nhava Sheva Freeport Terminal (NSFT)	10.1	↑	9.9	6.90%	6.70%
Mangalore Container Terminal Private Limited (MCTPL)	66.2	↓	79.6	7.80%	7.10%
Kandla International Container Terminal (KICT)	202.0	↑	135.0	4.50%	4.50%
Chennai Container Terminal Pvt. Ltd. (CCTL)	133.8	↑	111.1	6.70%	6.30%
Dakshin Bharat Gateway Terminal (DBGT)	65.3	↑	20.8	3.40%	3.30%
Haldia International Container Terminal (HICT)	97.9	↑	96.0	2.90%	2.20%
Kolkata Dock System (KDS) , Kolkata Port	101.5	↑	72.3	2.40%	2.70%
Nhava Sheva India Gateway Terminal (NSIGT)	76.7	↑	47.3	5.60%	6.70%
Nhava Sheva International Container Terminal (NSICT)	53.5	↑	39.7	6.60%	2.00%
Paradip International Cargo Terminal	34.9	↓	58.5	0.70%	0.70%

Terminal handling highest domestic containers

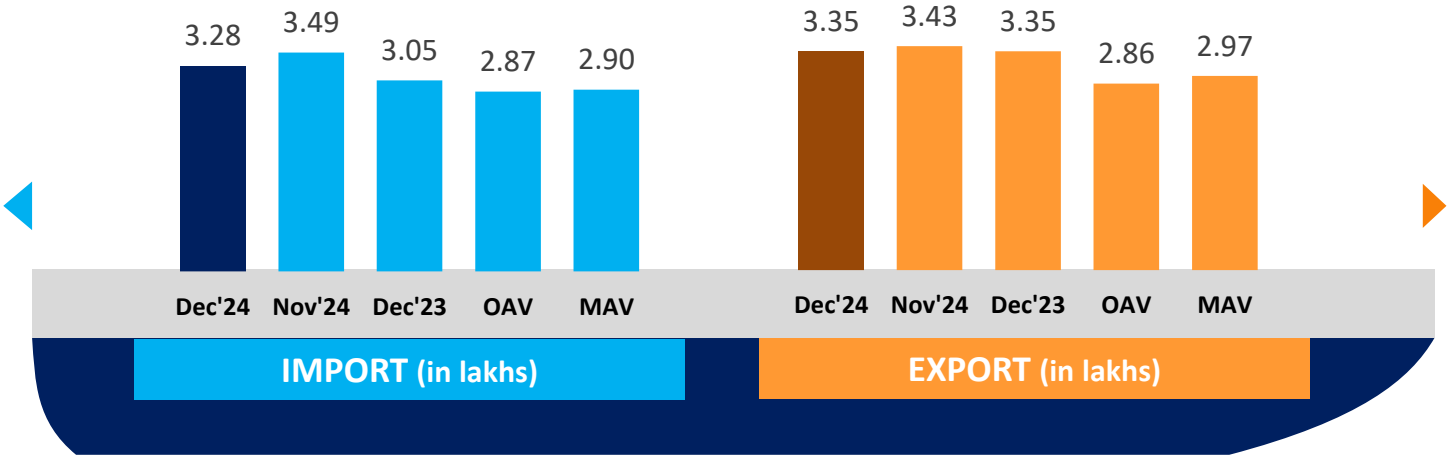
↓ ↑ Indicates decrease/ increase in dwell time from last month

NLDS
NICDC LOGISTICS DATA SERVICES LTD
Logistics Redefined

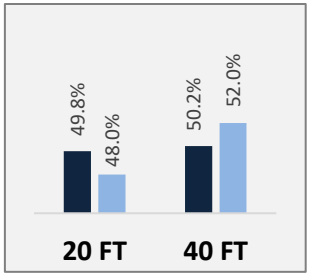
02
WESTERN REGION PERFORMANCE

Container Count: **Western Region**

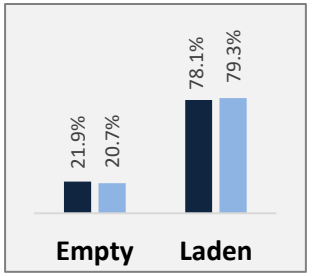
Western Region



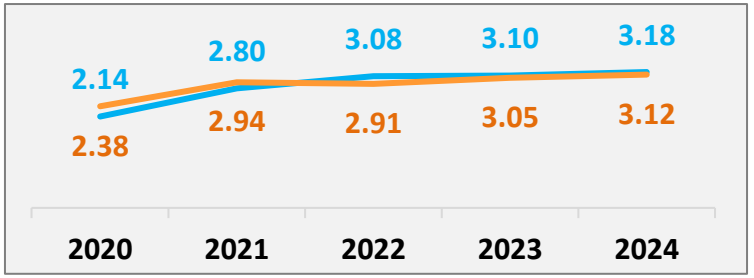
Container Size-wise (Import)



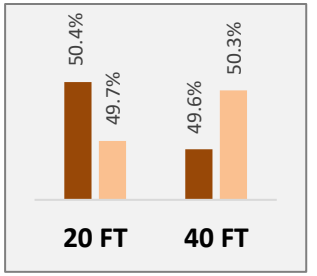
Container Type-wise (Import)



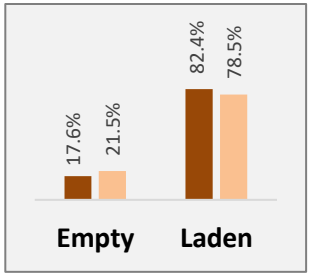
Container Count - Annual Average (in lakhs/ month)



Container Size-wise (Export)



Container Type-wise (Export)



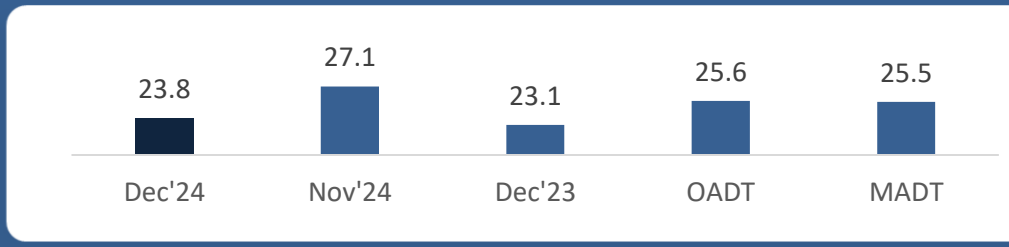
Dec'24 Nov'24 | IMPORT EXPORT | Dec'24 Nov'24

OAV – Overall Avg Volume
MAV – Monthly Avg Volume

Dwell Time Performance: **Western Region Import Cycle**

IMPORT

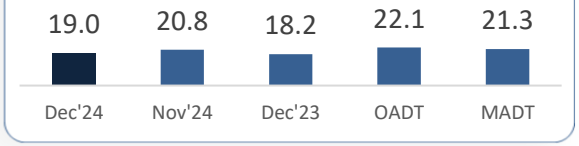
Western Region



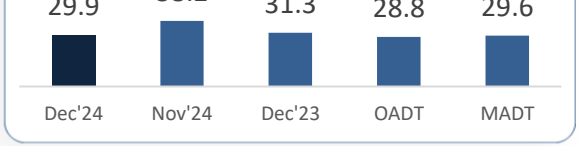
PAN India Import Dwell Time

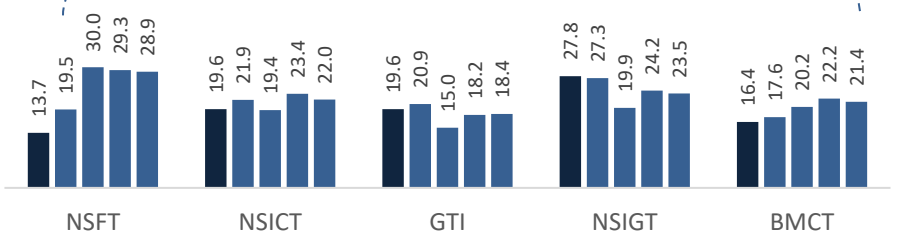
30.4 Hrs. (Dec'24)

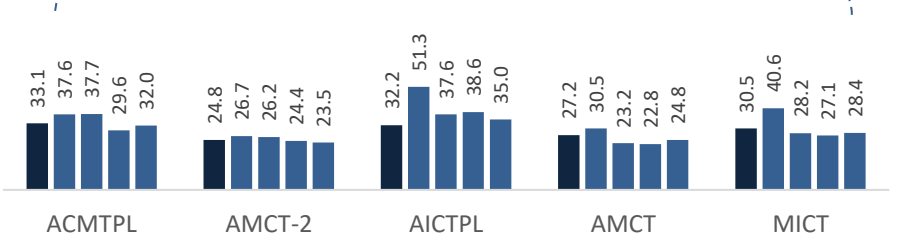
JNPA



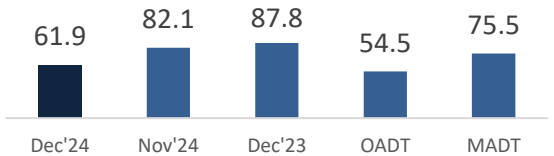
Mundra



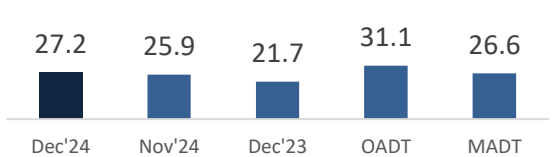




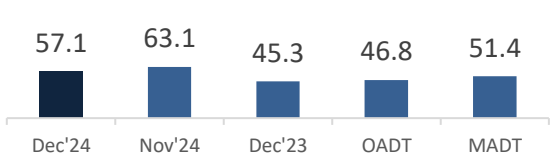
Pipavav



Hazira



Kandla



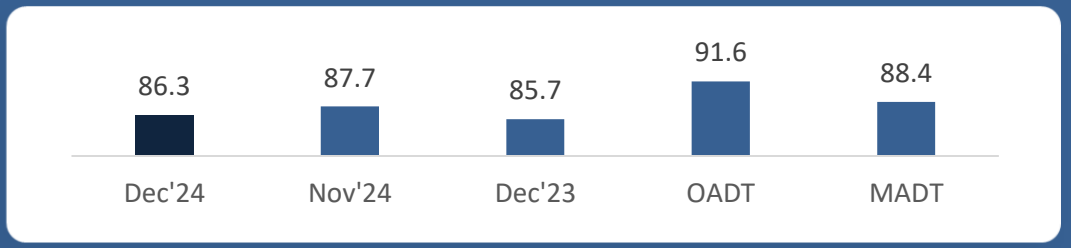
OADT – Overall Avg Dwell Time
MADT – Monthly Avg Dwell Time

Note:
All values are in hours

Dwell Time Performance: **Western Region Export Cycle**

EXPORT

Western Region

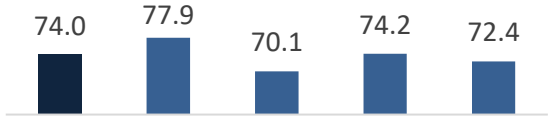


PAN India Export Dwell Time

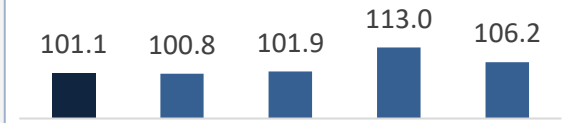
89.5 Hrs.

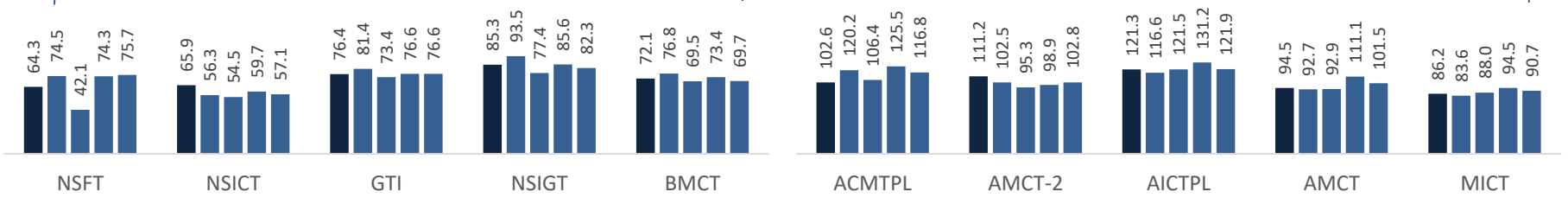
(Nov'24)

JNPA

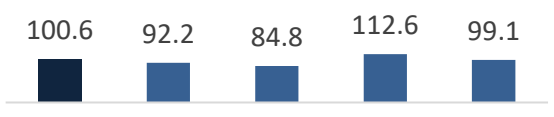


Mundra

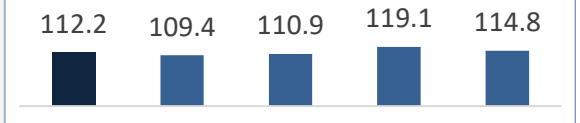




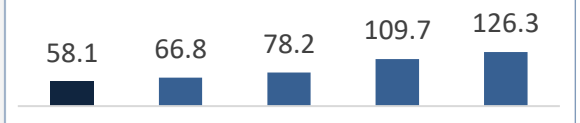
Pipavav



Hazira



Kandla



OADT – Overall Avg Dwell Time
MADT – Monthly Avg Dwell Time

Note:
All values are in hours

Container Turnaround Analysis: **Western Region**

Container turnaround analysis showcases the percentage of container count (no. of boxes) retained by respective ports. This analyzes the number of containers getting imported and exported from same port along with the time taken by them to complete the cycle.

Port In (Import Cycle)	Port Out (Export Cycle)	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)		
		Dec'24	Nov'24	Dec'23	Dec'24	Nov'24	Dec'23
JNPA	JNPA	96%	96%	95%	28.5	28.5	28.0
	Other Ports	4%	4%	5%	52.5	53.7	61.8
Mundra	Mundra	95%	95%	94%	34.3	34.2	39.7
	Other Ports	5%	5%	6%	50.1	45.7	50.9
Hazira	Hazira	96%	93%	98%	35.6	34.4	46.8
	Other Ports	4%	7%	2%	56.6	52.1	78.8
Kandla	Kandla	85%	81%	86%	33.5	24.7	46.8
	Mundra	15%	19%	14%	42.2	39.2	59.8
Pipavav	Mundra	52%	48%	45%	41.6	41.0	44.1
	Pipavav	44%	49%	53%	28.1	32.9	31.1
	Other Ports	4%	3%	2%	40.1	38.7	49.5

Note: Please refer annexure for Container Turnaround Analysis Methodology

Container Turnaround Analysis: **JNPA Port**

Container turnaround analysis showcases the percentage of container count (no. of boxes) retained by respective terminals of the port. This analyzes the number of containers getting imported and exported from same terminal along with the time taken by them to complete the cycle.

Port Terminal In (Import Cycle)	Port Terminal Out (Export Cycle)	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)		
		Dec'24	Nov'24	Dec'23	Dec'24	Nov'24	Dec'23
Bharat Mumbai Container Terminals(PSA)	Bharat Mumbai Container Terminals(PSA)	40%	40%	41%	29.7	31.2	24.0
	Gateway Terminals India (GTI)	27%	29%	28%	24.9	28.1	23.9
	Nhava Sheva Freeport Terminal (NSFT)	5%	6%	-	34.5	31.0	-
	Nhava Sheva India Gateway Terminal (NSIGT)	12%	11%	14%	27.9	34.4	28.4
	Nhava Sheva International Container Terminal (NSICT)	16%	14%	17%	31.7	29.8	37.7
Gateway Terminals India (GTI)	Bharat Mumbai Container Terminals(PSA)	23%	25%	28%	25.2	24.9	24.0
	Gateway Terminals India (GTI)	48%	45%	51%	23.2	25.2	22.0
	Nhava Sheva Freeport Terminal (NSFT)	5%	5%	-	26.8	30.1	-
	Nhava Sheva India Gateway Terminal (NSIGT)	8%	9%	10%	26.0	25.8	27.9
	Nhava Sheva International Container Terminal (NSICT)	16%	16%	11%	27.4	24.9	25.5
Nhava Sheva Freeport Terminal (NSFT)	Bharat Mumbai Container Terminals(PSA)	27%	27%	31%	40.8	28.6	30.9
	Gateway Terminals India (GTI)	25%	24%	37%	33.4	28.0	35.1
	Nhava Sheva Freeport Terminal (NSFT)	19%	22%	-	33.6	30.5	-
	Nhava Sheva India Gateway Terminal (NSIGT)	14%	14%	20%	32.8	25.8	31.4
	Nhava Sheva International Container Terminal (NSICT)	15%	13%	12%	37.0	29.0	48.4
Nhava Sheva India Gateway Terminal (NSIGT)	Bharat Mumbai Container Terminals(PSA)	14%	18%	21%	34.4	31.7	27.8
	Gateway Terminals India (GTI)	19%	14%	18%	31.9	23.9	28.9
	Nhava Sheva Freeport Terminal (NSFT)	7%	7%	-	28.4	31.2	-
	Nhava Sheva India Gateway Terminal (NSIGT)	44%	51%	45%	29.0	30.2	30.9
	Nhava Sheva International Container Terminal (NSICT)	16%	10%	16%	31.4	32.5	30.4
Nhava Sheva International Container Terminal (NSICT)	Bharat Mumbai Container Terminals(PSA)	22%	24%	29%	37.0	34.2	35.5
	Gateway Terminals India (GTI)	24%	29%	31%	29.2	28.8	38.3
	Nhava Sheva Freeport Terminal (NSFT)	4%	4%	-	32.6	36.2	-
	Nhava Sheva India Gateway Terminal (NSIGT)	10%	5%	6%	27.2	38.4	41.7
	Nhava Sheva International Container Terminal (NSICT)	40%	38%	34%	34.5	28.4	35.2

Note: Please refer annexure for Container Turnaround Analysis Methodology

Container Turnaround Analysis: **Mundra Port**

Container turnaround analysis showcases the percentage of container count (no. of boxes) retained by respective terminals of the port. This analyzes the number of containers getting imported and exported from same terminal along with the time taken by them to complete the cycle.

Port Terminal In (Import Cycle)	Port Terminal Out (Export Cycle)	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)		
		Dec'24	Nov'24	Dec'23	Dec'24	Nov'24	Dec'23
Adani CMA Mundra Terminal (ACMTPL)	Adani CMA Mundra Terminal (ACMTPL)	59%	59%	56%	34.3	35.6	41.6
	Adani International Container Terminal (AICTPL)	1%	1%	3%	33.0	33.4	36.9
	Adani Mundra Container Terminal (AMCT)	23%	27%	24%	34.7	33.5	40.8
	Adani Mundra Container Terminal -2	10%	6%	5%	32.7	37.1	33.5
	Mundra International Container Terminal (MICT)	7%	7%	12%	24.7	27.6	28.1
Adani International Container Terminal (AICTPL)	Adani CMA Mundra Terminal (ACMTPL)	5%	6%	2%	43.6	31.1	40.3
	Adani International Container Terminal (AICTPL)	78%	77%	85%	43.8	46.0	54.2
	Adani Mundra Container Terminal (AMCT)	6%	8%	5%	37.7	31.5	38.4
	Adani Mundra Container Terminal -2	5%	5%	3%	41.7	30.8	25.7
	Mundra International Container Terminal (MICT)	6%	4%	5%	34.6	33.0	33.7
Adani Mundra Container Terminal (AMCT)	Adani CMA Mundra Terminal (ACMTPL)	16%	17%	29%	31.9	38.4	38.3
	Adani International Container Terminal (AICTPL)	4%	6%	8%	32.3	26.8	28.1
	Adani Mundra Container Terminal (AMCT)	39%	41%	40%	33.8	33.3	34.8
	Adani Mundra Container Terminal -2	29%	25%	12%	34.0	35.1	30.5
	Mundra International Container Terminal (MICT)	12%	11%	11%	31.9	31.6	32.6
Adani Mundra Container Terminal -2	Adani CMA Mundra Terminal (ACMTPL)	10%	13%	17%	41.2	29.4	36.1
	Adani International Container Terminal (AICTPL)	6%	7%	10%	25.9	33.2	34.7
	Adani Mundra Container Terminal (AMCT)	23%	25%	34%	31.6	31.4	37.1
	Adani Mundra Container Terminal -2	43%	40%	26%	31.7	32.7	31.3
	Mundra International Container Terminal (MICT)	18%	15%	13%	26.4	31.7	21.8
Mundra International Container Terminal (MICT)	Adani CMA Mundra Terminal (ACMTPL)	7%	9%	6%	33.6	35.8	44.6
	Adani International Container Terminal (AICTPL)	5%	4%	8%	32.8	34.1	64.6
	Adani Mundra Container Terminal (AMCT)	10%	12%	13%	32.4	33.5	35.2
	Adani Mundra Container Terminal -2	10%	9%	3%	36.6	30.3	51.0
	Mundra International Container Terminal (MICT)	68%	66%	70%	29.0	29.8	34.0

Note: Please refer annexure for Container Turnaround Analysis Methodology

Western Region Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)
Truck	19.3	↓	22.1
Train	76.1	↑	66.1
Overall	23.8	↓	27.1

CFS/ ICD Dwell Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
CFS	85.3	↓	96.1
ICD	120.8	↓	134.7

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)
Truck	83.0		83.0
Train	106.2	↓	116.5
Overall	86.3	↓	87.7

CFS/ ICD Dwell Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
CFS	62.3	↓	63.8
ICD	105.2	↓	110.4

↓ ↑ Indicates decrease/ increase in dwell time from last month

Port Performance Benchmarking: **Western Region**

Performance benchmarking of terminals based on dwell time vis-à-vis container count (no. of boxes) handled:

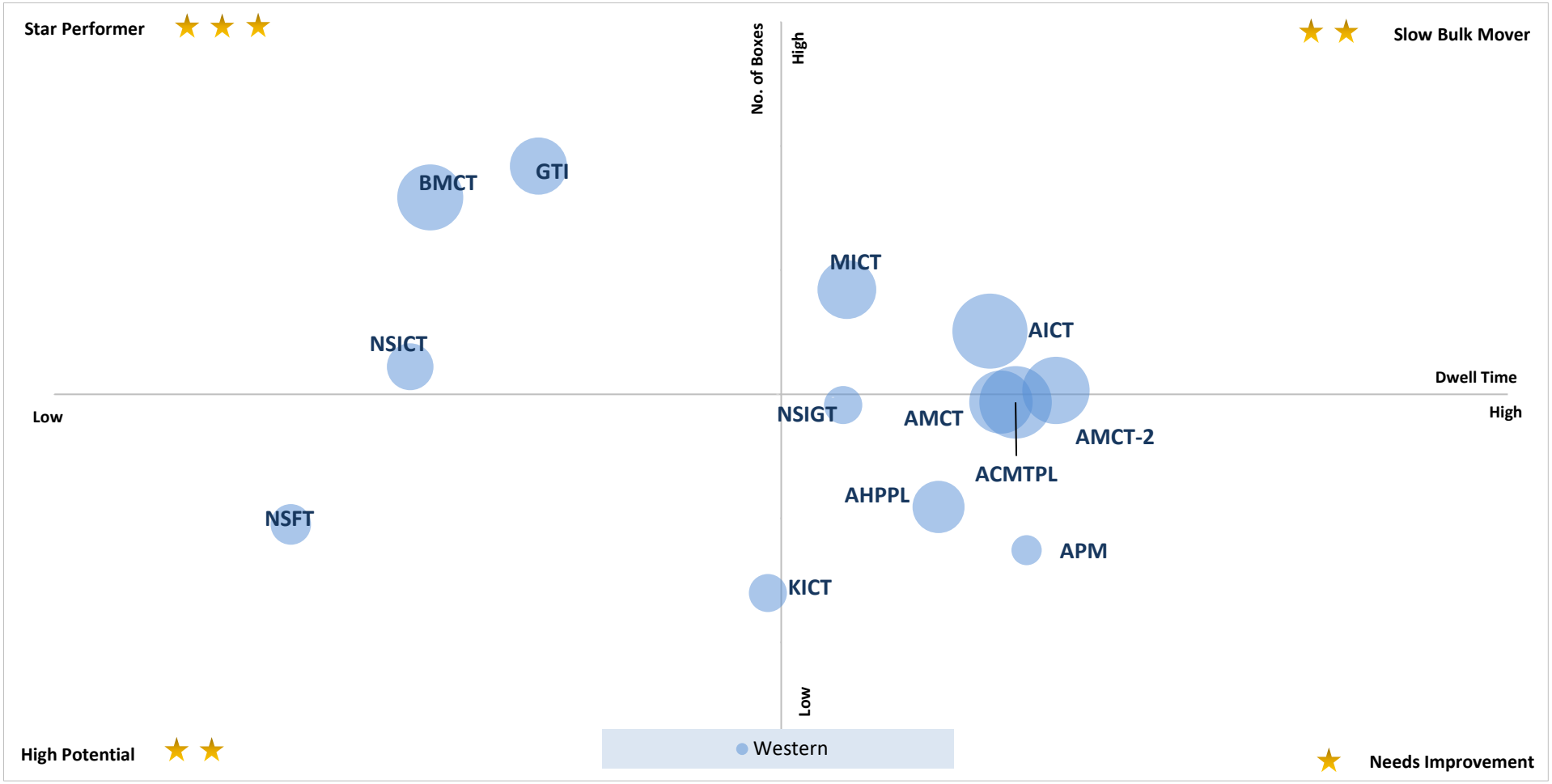
Abb.	Name of Terminal
A	Adani CMA Mundra Terminal (ACMTPL)
B	Adani Hazira Port Private Limited (AHPPL)
C	Adani International Container Terminal (AICTPL)
D	Adani Mundra Container Terminal (AMCT)
E	Bharat Mumbai Container Terminals(PSA)
F	Gateway Terminals India (GTI)
G	APM Terminals Pipavav, Gujarat
H	Nhava Sheva Freeport Terminal (NSFT)
I	Mundra International Container Terminal (MICT)
J	Nhava Sheva India Gateway Terminal (NSIGT)
K	Nhava Sheva International Container Terminal (NSICT)
L	Kandla International Container Terminal (KICT)
M	Adani Mundra Container Terminal-2 (AMCT-2)

X-Axis: Dwell Time
Threshold value (in hours): 58.0

Y-Axis: No. of Boxes
Threshold value (no. of boxes): 50,948

Performance Benchmarking: **Western Region**

Performance benchmarking of terminals based on dwell time, container count (no. of boxes) handled, and terminal capacity for Dec'24:



X-Axis: Dwell Time

Threshold value (in hours): 58.0

Bubble size represents the terminal capacity

Y-Axis: No. of Boxes

Threshold value (no. of boxes): 50,948

Star Performer ★★★

Entities with high container count and low dwell time

High Potential ★★

Entities with low container count and low dwell time

Slow Bulk Mover ★★

Entities with high container count and high dwell time

Needs Improvement ★

Entities with low container count and high dwell time

Note: Terminal abbreviation details are mentioned in annexure

Port Performance Benchmarking (Previous year same month): **Western Region**

Performance benchmarking of terminals based on the change from previous year same month in dwell time vis-a-vis container count (no. of boxes) handled:

X-Axis: Change in dwell time

Y-Axis: Change in no. of boxes

Abb.	Name of Terminal
A	Adani CMA Mundra Terminal (ACMTPL)
B	Adani Hazira Port Private Limited (AHPPL)
C	Adani International Container Terminal (AICTPL)
D	Adani Mundra Container Terminal (AMCT)
E	Bharat Mumbai Container Terminals(PSA)
F	Gateway Terminals India (GTI)
G	APM Terminals Pipavav, Gujarat
H	Nhava Sheva Freeport Terminal (NSFT)
I	Mundra International Container Terminal (MICT)
J	Nhava Sheva India Gateway Terminal (NSIGT)
K	Nhava Sheva International Container Terminal (NSICT)
L	Kandla International Container Terminal (KICT)
M	Adani Mundra Container Terminal-2 (AMCT-2)

Port Performance Benchmarking (Capacity & Dwell time): **Western Region**

Performance benchmarking of terminals based on dwell time vis-a-vis capacity (in TEU):

X-Axis: Dwell Time

Y-Axis: TEU Capacity

Abb.	Name of Terminal
A	Adani CMA Mundra Terminal (ACMTPL)
B	Adani Hazira Port Private Limited (AHPPL)
C	Adani International Container Terminal (AICTPL)
D	Adani Mundra Container Terminal (AMCT)
E	Bharat Mumbai Container Terminals(PSA)
F	Gateway Terminals India (GTI)
G	APM Terminals Pipavav, Gujarat
H	Nhava Sheva Freeport Terminal (NSFT)
I	Mundra International Container Terminal (MICT)
J	Nhava Sheva India Gateway Terminal (NSIGT)
K	Nhava Sheva International Container Terminal (NSICT)
L	Kandla International Container Terminal (KICT)
M	Adani Mundra Container Terminal-2 (AMCT-2)

CFS Performance Benchmarking: **Western Region**

Performance benchmarking of CFSs based on dwell time vis-a-vis container count (no. of boxes) handled:

Top Performing CFS

CWC Polaris Logistics park

High Potential CFS

JWR CFS

Low Performing CFS

Hind Terminal CFS, Hazira

Note:
Please refer annexure for CFS names

JNPA Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)
Truck	15.9	↓	17.7
Train	92.3	↑	61.6
Overall	19.0	↓	20.8

Transit Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
Port to CFS	2.4	↓	2.5
Port to ICD	103.3	↓	113.0

CFS/ ICD Dwell Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
CFS	78.0	↓	90.3
ICD	120.8	↓	134.7

CFS/ ICD Dwell Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
CFS	67.3	↓	67.4
ICD	105.2	↓	110.4

Transit Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
CFS to Port	4.4	↑	3.9
ICD to Port	96.4	↑	84.6

Port Dwell Time

EXPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)
Truck	73.5	↓	76.5
Train	79.0	↓	89.2
Overall	74.0	↓	77.9

Container Lifecycle (Export Cycle)

↓ ↑ Indicates decrease/ increase in time from last month

Parking Plaza Analysis: **JNPA Port**

The analysis showcases waiting time of containers at parking plaza and transit time between parking plaza exit and port entry:

Parking Plaza Dwell Time	Dec'24 (in hrs)	Nov'24 (in hrs)
Gate in - Gate Out	6.2	6.4

Container Count Percentage: Hour-wise (Dec'24)

	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More than 24 hrs
Parking Plaza Dwell Time	8%	21%	34%	25%	8%	4%

Parking Plaza to JNPA Port	Dec'24 (in hrs)	Nov'24 (in hrs)
Gate Out – Terminal In	-	1.2

Port Terminal	Dec'24 (in hrs)	Nov'24 (in hrs)
NSFT	-	0.6
NSICT	-	1.4
GTI	-	2.3
NSIGT	-	1.2
BMCT	-	-

Container Count Percentage: Hour-wise (Dec'24)

Parking Plaza to Port Terminal	Within 1 hrs	1-2 hrs	2-3 hrs	3-4 hrs	4-5 hrs	More than 5 hrs
NSFT	-	-	-	-	-	-
NSICT	-	-	-	-	-	-
GTI	-	-	-	-	-	-
NSIGT	-	-	-	-	-	-
BMCT	-	-	-	-	-	-

Mundra Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)
Truck	23.9	↓	29.5
Train	63.8	↓	68.6
Overall	29.9	↓	38.2

Transit Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
Port to CFS	0.9	↓	1.0
Port to ICD	81.9	↑	81.1

CFS/ ICD Dwell Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
CFS	98.8	↓	107.6
ICD	120.8	↓	134.7

Container Lifecycle (Export Cycle)

CFS/ ICD Dwell Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
CFS	57.2	↓	59.0
ICD	105.2	↓	110.4

Transit Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
CFS to Port	0.9	↑	0.8
ICD to Port	65.1	↑	57.1

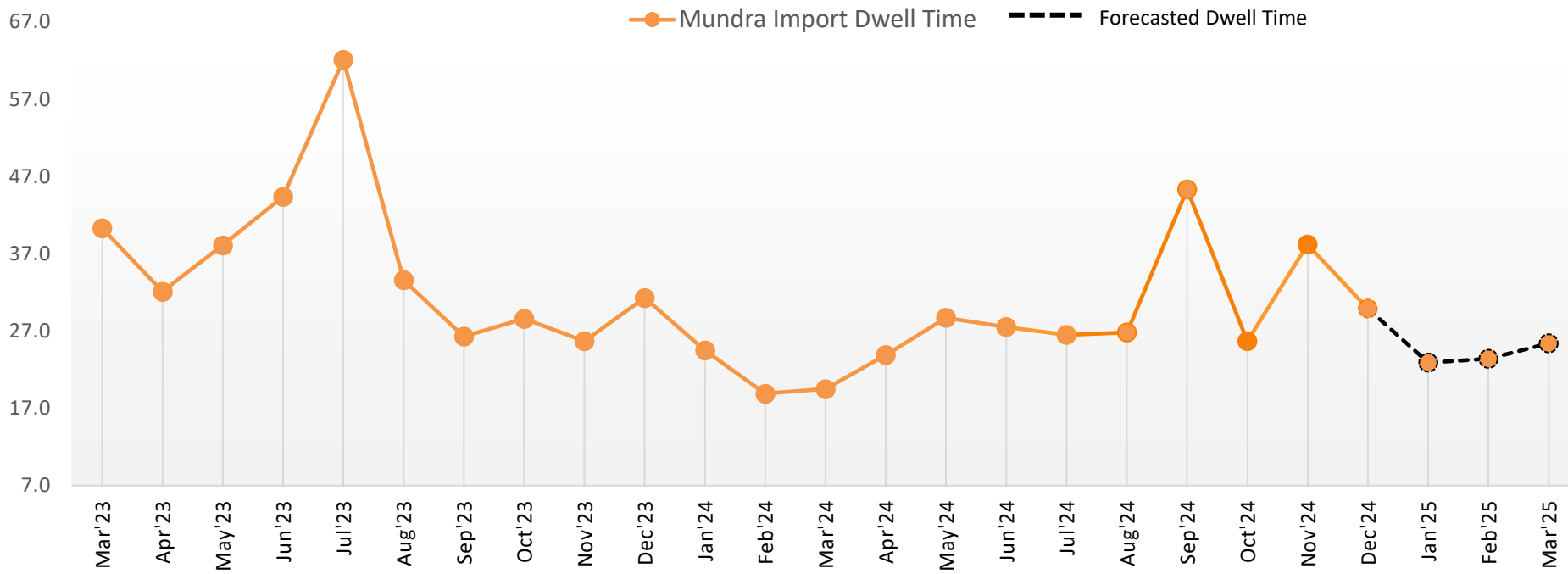
Port Dwell Time

EXPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)
Truck	94.6	↑	91.5
Train	125.4	↓	138.2
Overall	101.1	↑	100.8

↓ ↑ Indicates decrease/ increase in time from last month

Predictive Analysis: **Mundra Port**



*Basis global benchmark, minimum dwell time of 7 hours is considered

	Oct'24	Nov'24	Dec'24	Jan'25	Feb'25	Mar'25
Actual Dwell Time (in hours)	25.7	38.2	29.9	-	-	-
Forecasted Dwell Time (in hours)	26.4	25.8	26.7	22.9	23.4	25.4

Note:
All values are in hours

Parking Plaza Analysis: **Mundra Port**

The analysis showcases waiting time of containers at parking plaza

Parking Plaza Dwell Time (Gate In – Gate Out)	Dec'24 (in hrs)	Nov'24 (in hrs)
Adani Parking Yard No.1	1.1	1.3

Container Count Percentage: Hour-wise (Dec'24)

Parking Plaza Dwell Time	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More than 24 hrs
Adani Parking Yard No. 1	69%	8%	12%	10%	1%	-

Pipavav Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)
Overall	61.9	↓	82.1

CFS Dwell Time

	Dec'24 (in hrs)	Nov'24 (in hrs)
CFS	70.9	-

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)
Overall	100.6	↑	92.2

CFS Dwell Time

	Dec'24 (in hrs)	Nov'24 (in hrs)
CFS	-	-

↓ ↑ Indicates decrease/ increase in dwell time from last month

Kandla Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)
Overall	57.1	↓	63.1

EXPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)
Overall	58.1	↓	66.8

Port Dwell Time

Container Lifecycle (Export Cycle)

↓ ↑ Indicates decrease/ increase in dwell time from last month

Hazira Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)
Overall	27.2	↑	25.9

CFS Dwell Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
CFS	120.0	↑	119.2

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)
Overall	112.2	↑	109.4

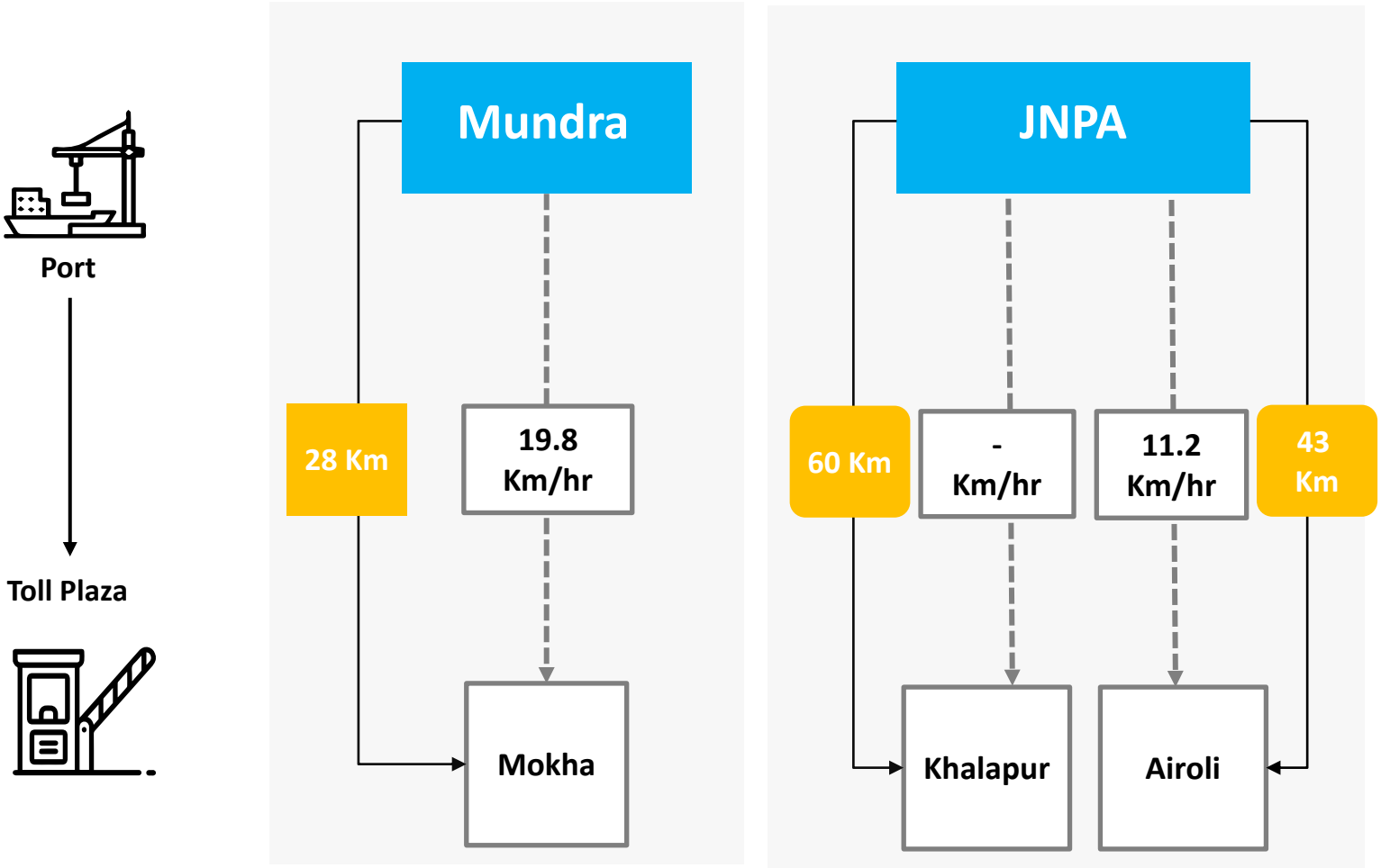
CFS Dwell Time

	Dec'24 (in hrs)	Nov'24 (in hrs)
CFS	-	-

↓ ↑ Indicates decrease/ increase in dwell time from last month

Port to Toll Plaza Transit Analysis: **Western Region**

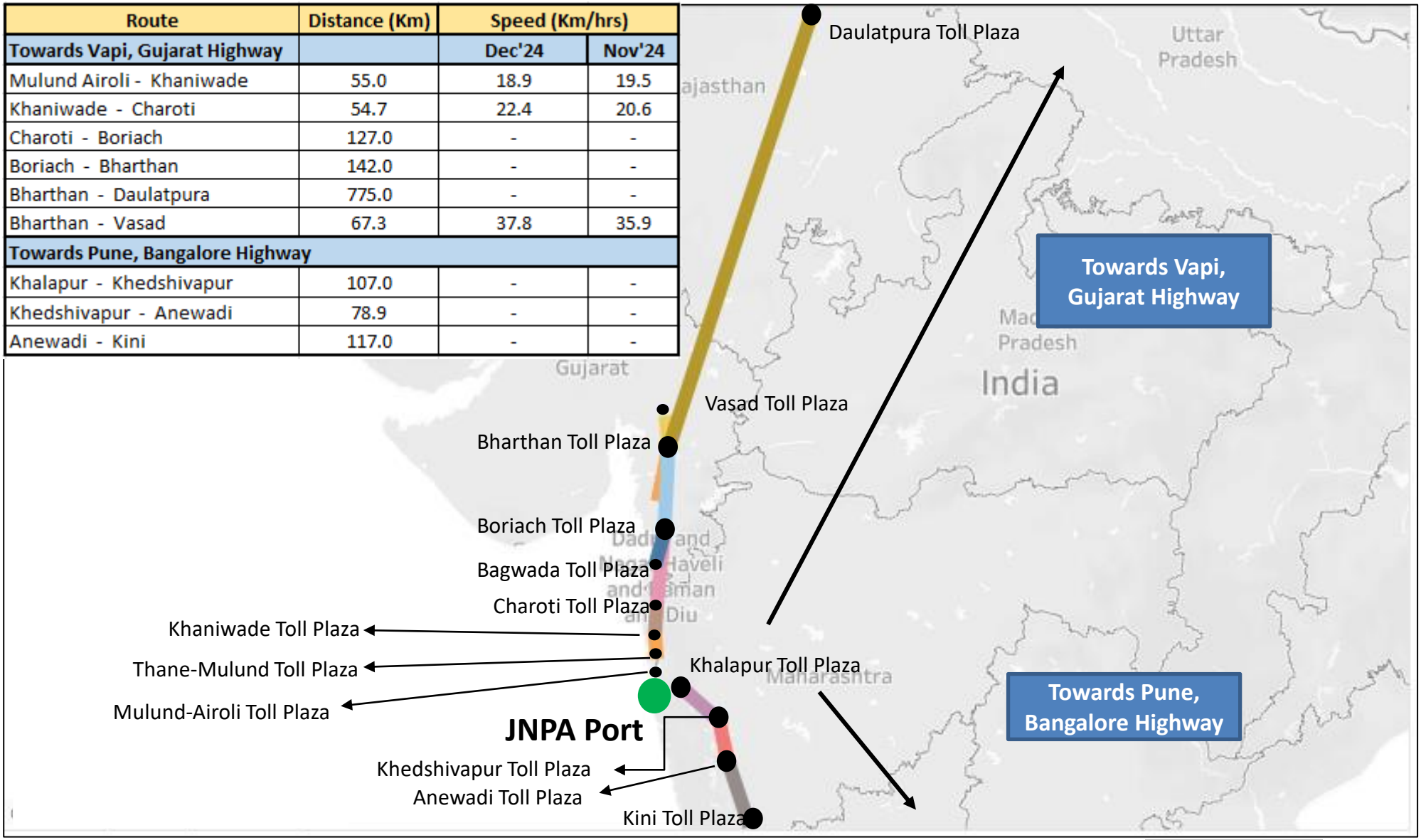
Average speed of trucks to cover the distance between port to nearest toll plaza for Dec'24:



Toll Plaza Analysis: **JNPA Port**

The average speed of trucks to cover the distance between adjacent toll plazas for Dec'24:

Route	Distance (Km)	Speed (Km/hrs)	
Towards Vapi, Gujarat Highway		**Dec'24**	**Nov'24**
Mulund Airoli - Khaniwade	55.0	18.9	19.5
Khaniwade - Charoti	54.7	22.4	20.6
Charoti - Boriach	127.0	-	-
Boriach - Bharthan	142.0	-	-
Bharthan - Daulatpura	775.0	-	-
Bharthan - Vasad	67.3	37.8	35.9
Towards Pune, Bangalore Highway			
Khalapur - Khedshivapur	107.0	-	-
Khedshivapur - Anewadi	78.9	-	-
Anewadi - Kini	117.0	-	-



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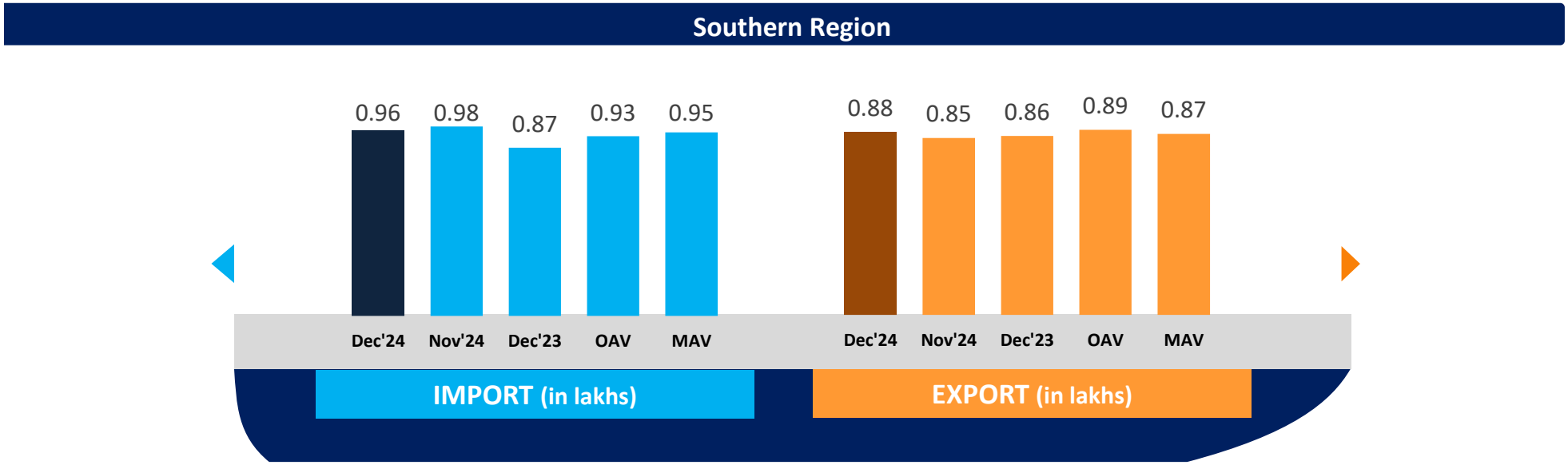
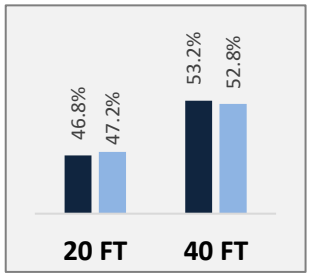
03
SOUTHERN REGION PERFORMANCE

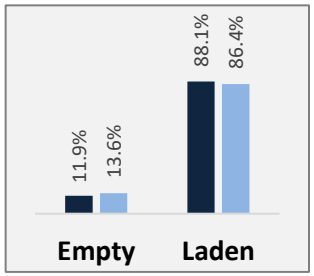
Container Count: **Southern Region**



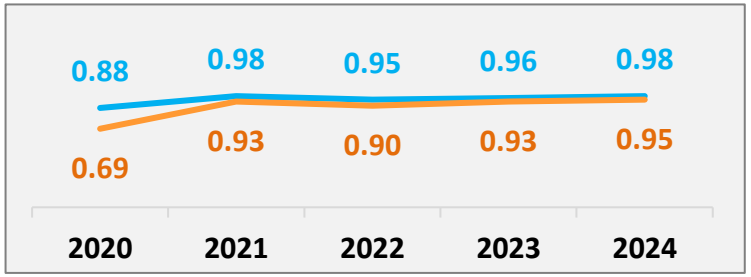
Container Size-wise (Import)



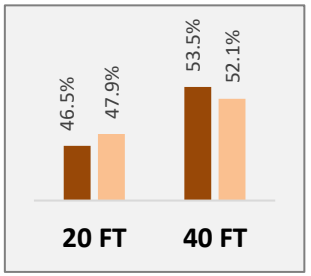
Container Type-wise (Import)



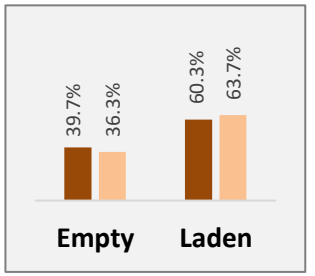
Container Count - Annual Average (in lakhs/ month)



Container Size-wise (Export)



Container Type-wise (Export)

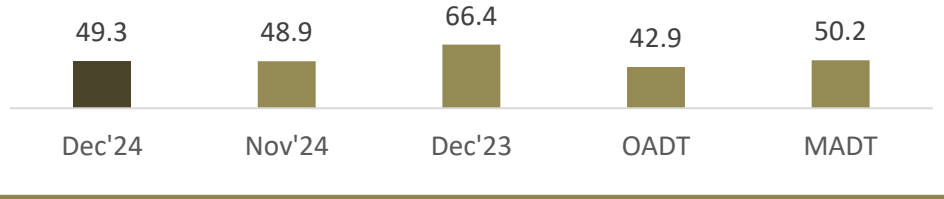


OAV – Overall Avg Volume
MAV – Monthly Avg Volume

Dwell Time Performance: **Southern Region Import Cycle**

IMPORT

Southern Region



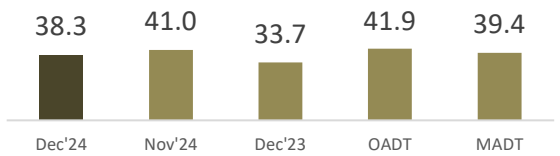
PAN India Import Dwell Time

30.4 Hrs.

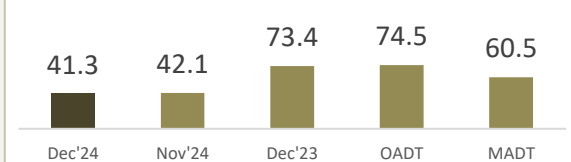
(Dec'24)

Ports

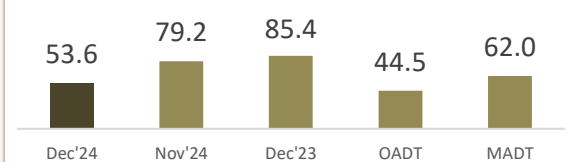
Kochi



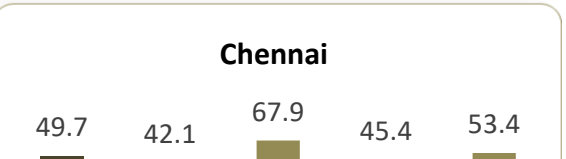
New Mangalore



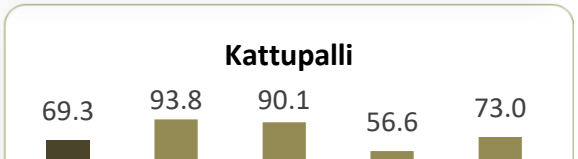
Ennore



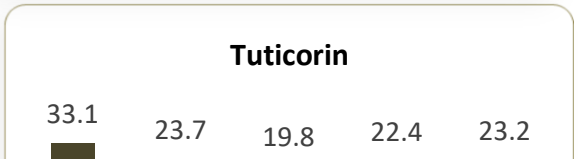
Chennai



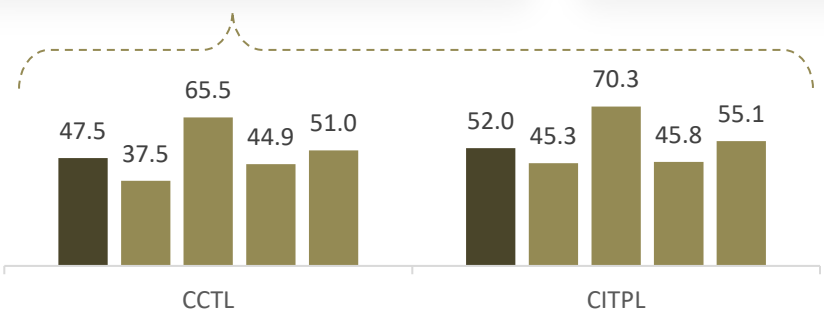
Kattupalli

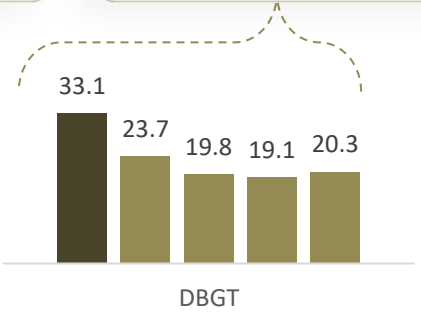


Tuticorin



Terminals





OADT – Overall Avg Dwell Time
MADT – Monthly Avg Dwell Time

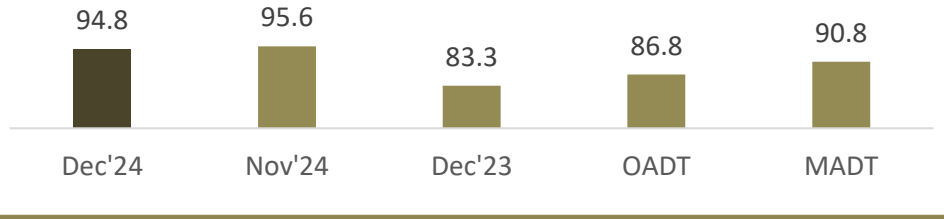
Note:

- Current and previous month New Mangalore dwell time does not include the free time at the port
- All values are in hours

Dwell Time Performance: **Southern Region Export Cycle**

EXPORT

Southern Region

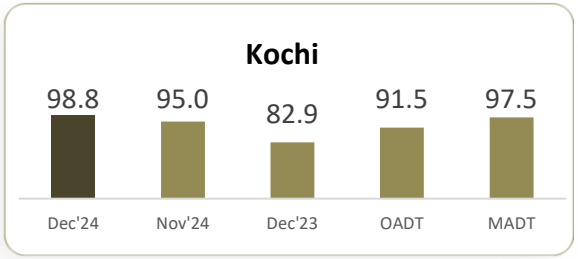


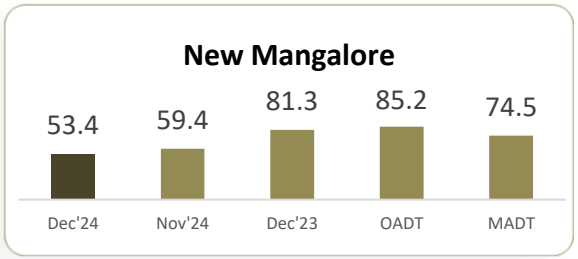
PAN India Export Dwell Time

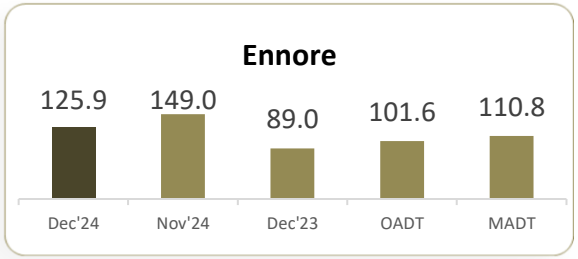
89.5 Hrs.

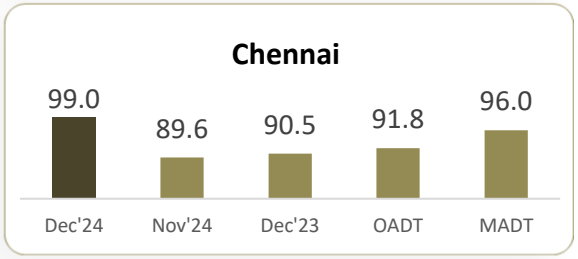
(Dec'24)

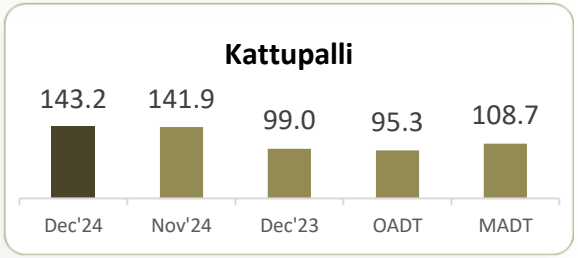
Ports

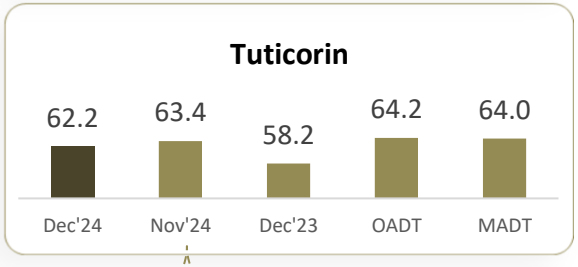




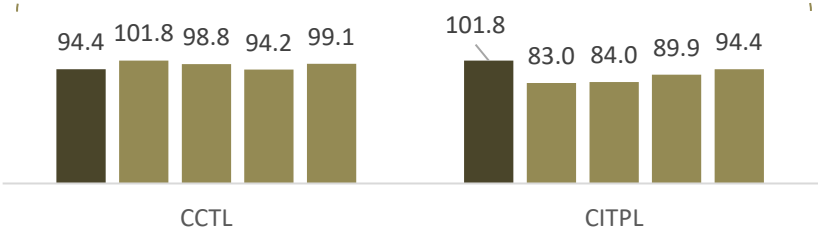


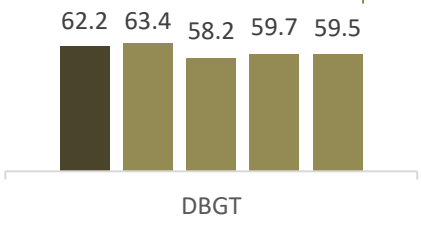






Terminals





OADT – Overall Avg Dwell Time
MADT – Monthly Avg Dwell Time

Note:

- Current and previous month New Mangalore dwell time does not include the free time at the port
- All values are in hours

Container Turnaround Analysis: **Southern Region**

Container turnaround analysis showcases the percentage of container count (no. of boxes) retained by respective ports. This analyzes the number of containers getting imported and exported from same port along with the time taken by them to complete the cycle.

Port In (Import Cycle)	Port Out (Export Cycle)	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)		
		Dec'24	Nov'24	Dec'23	Dec'24	Nov'24	Dec'23
Kochi	Kochi	100%	99%	100%	22.6	21.5	24.8
	Other Ports	-	1%	-	-	49.8	-
Ennore	Ennore	67%	-	87%	29.8	-	26.4
	Other Ports	33%	-	13%	28.1	-	30.5
Tuticorin	Tuticorin	100%	100%	100%	24.9	25.7	36.8
	Other Ports	-	-	-	-	-	-
Chennai	Chennai	88%	94%	74%	28.1	27.1	27.1
	Kattupalli	9%	5%	23%	23.1	29.3	28.6
	Other Ports	3%	1%	3%	34.3	47.3	36.7
Kattupalli	Kattupalli	39%	34%	63%	33.7	40.1	32.0
	Chennai	52%	59%	35%	30.0	41.3	29.6
	Other Ports	9%	7%	2%	33.2	41.4	61.6

Note: Please refer annexure for Container Turnaround Analysis Methodology

Container Turnaround Analysis: **Chennai Port**

Container turnaround analysis showcases the percentage of container count (no. of boxes) retained by respective terminals of the port. This analyzes the number of containers getting imported and exported from same terminal along with the time taken by them to complete the cycle.

Port Terminal In (Import Cycle)	Port Terminal Out (Export Cycle)	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)		
		Dec'24	Nov'24	Dec'23	Dec'24	Nov'24	Dec'23
CCTL	CCTL	66%	67%	66%	27.8	30.4	28.2
	CITPL	34%	33%	34%	29.3	28.2	25.0
CITPL	CITPL	71%	76%	70%	27.3	25.2	26.8
	CCTL	29%	24%	30%	31.3	27.4	28.5

Note: Please refer annexure for Container Turnaround Analysis Methodology

Southern Region Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)
Truck	49.1	↑	44.2
Train	67.0	↓	76.2
Overall	49.3	↑	48.9

CFS/ ICD Dwell Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
CFS	120.9	↓	142.5
ICD	165.3	↓	165.5

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)
Truck	94.4	↑	86.9
Train	103.2	↓	147.5
Overall	94.8	↓	95.6

CFS/ ICD Dwell Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
CFS	45.2	↓	51.4
ICD	121.3		-

↓ ↑ Indicates decrease/ increase in dwell time from last month

Port Performance Benchmarking: **Southern Region**

Performance benchmarking of terminals based on dwell time vis-à-vis container count (no. of boxes) handled:

Abb.	Name of Terminal
A	Chennai Container Terminal Pvt. Ltd. (CCTL)
B	Chennai International Terminals Pvt Ltd (CITPL)
C	Dakshin Bharat Gateway Terminal (DBGT)
D	International Container Transhipment Terminal, Kochi
E	Adani Kattupalli Port Private Limited (AKPPL)
F	PSA SICAL Terminals
G	Mangalore Container Terminal Private Limited (MCTPL)*
H	Adani Ennore Container Terminal
I	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)

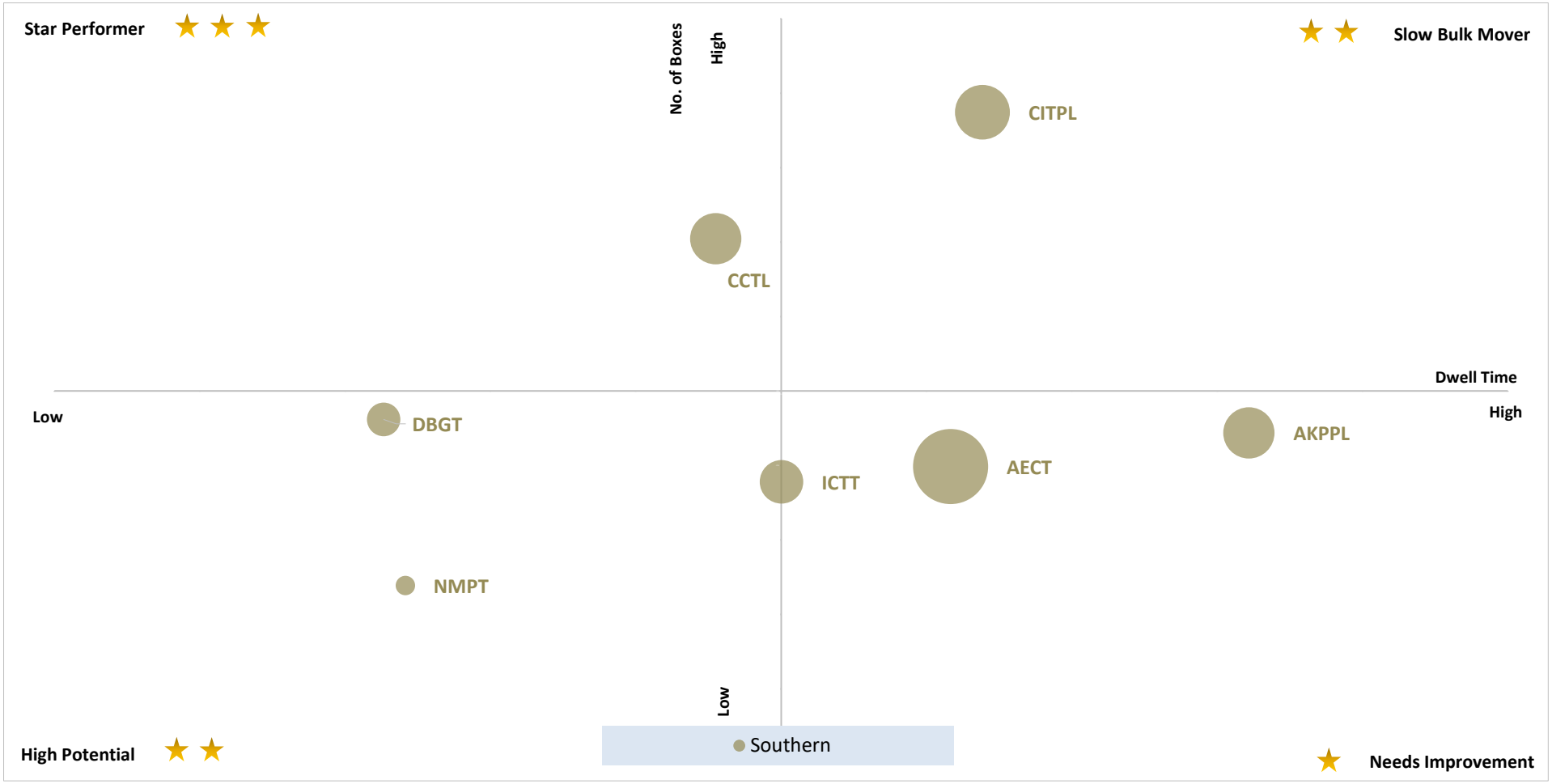
X-Axis: Dwell Time
Threshold value (in hours): 67.3

Y-Axis: No. of Boxes
Threshold value (no. of boxes): 26,289

*Note: For MCTPL the free time is not included in the calculations

Performance Benchmarking: **Southern Region**

Performance benchmarking of terminals based on dwell time, container count (no. of boxes) handled, and terminal capacity for Dec'24:



X-Axis: Dwell Time
Threshold value (in hours): 67.3

Bubble size represents the terminal capacity

Y-Axis: No. of Boxes
Threshold value (no. of boxes): 26,289

Star Performer ★ ★ ★
Entities with high container count and low dwell time

High Potential ★ ★
Entities with low container count and low dwell time

Slow Bulk Mover ★ ★
Entities with high container count and high dwell time

Needs Improvement ★
Entities with low container count and high dwell time

Note: Terminal abbreviation details are mentioned in annexure

Port Performance Benchmarking (Previous year same month): **Southern Region**

Performance benchmarking of terminals based on the change from previous year same month in dwell time vis-a-vis container count (no. of boxes) handled:

X-Axis: Change in dwell time

Y-Axis: Change in no. of boxes

Abb.	Name of Terminal
A	Chennai Container Terminal Pvt. Ltd. (CCTL)
B	Chennai International Terminals Pvt Ltd (CITPL)
C	Dakshin Bharat Gateway Terminal (DBGT)
D	International Container Transhipment Terminal, Kochi
E	Adani Kattupalli Port Private Limited (AKPPL)
F	PSA SICAL Terminals
G	Mangalore Container Terminal Private Limited (MCTPL)*
H	Adani Ennore Container Terminal
I	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)

*Note: For MCTPL the free time is not included in the calculations for current month

Port Performance Benchmarking (Capacity & Dwell time): **Southern Region**

Performance benchmarking of terminals based on dwell time vis-a-vis capacity (in TEU):

X-Axis: Dwell Time

Y-Axis: TEU Capacity

Abb.	Name of Terminal
A	Chennai Container Terminal Pvt. Ltd. (CCTL)
B	Chennai International Terminals Pvt Ltd (CITPL)
C	Dakshin Bharat Gateway Terminal (DBGT)
D	International Container Transhipment Terminal, Kochi
E	Adani Kattupalli Port Private Limited (AKPPL)
F	PSA SICAL Terminals
G	Mangalore Container Terminal Private Limited (MCTPL)*
H	Adani Ennore Container Terminal
I	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)

*Note: For MCTPL the free time is not included in the calculations

CFS Performance Benchmarking: **Southern Region**

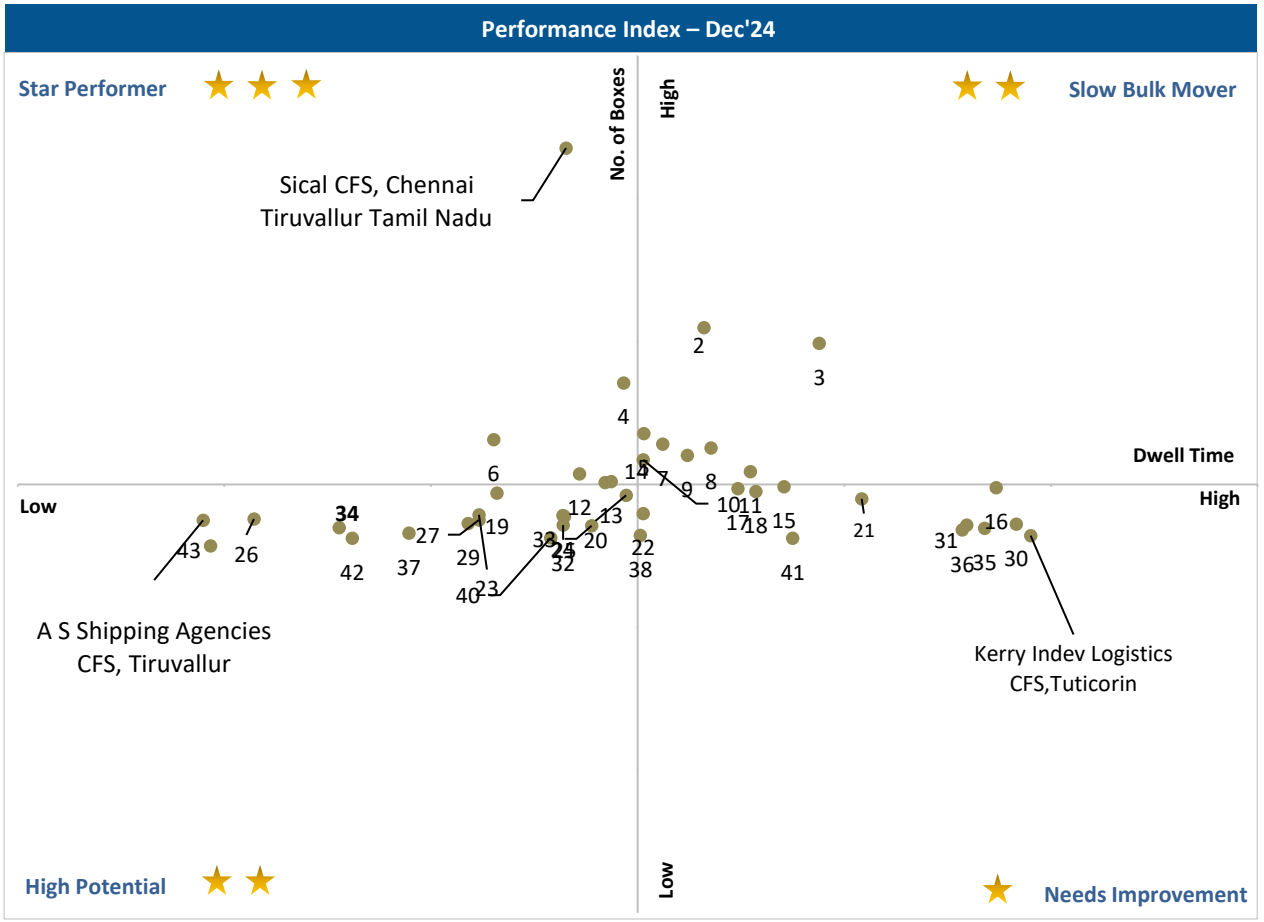
Performance benchmarking of CFSs based on dwell time vis-a-vis container count (no. of boxes) handled:

Top Performing CFS

Sical CFS, Chennai Tiruvallur Tamil Nadu

High Potential CFS

A S Shipping Agencies CFS, Tiruvallur



Low Performing CFS

Kerry Indev Logistics CFS,Tuticorin

Note:
Please refer annexure for CFS names

Chennai Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)
Truck	49.1	↑	42.4
Train	81.7	↑	27.8
Overall	49.7	↑	42.1

Transit Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
Port to CFS	2.9	↑	2.6

CFS Dwell Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
CFS	114.6	↓	139.1

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)
Truck	98.8	↑	89.2
Train	119.2	↑	111.0
Overall	99.0	↑	89.6

Transit Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
CFS to Port	10.1	↑	4.5

CFS Dwell Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
CFS	55.3	↓	59.2

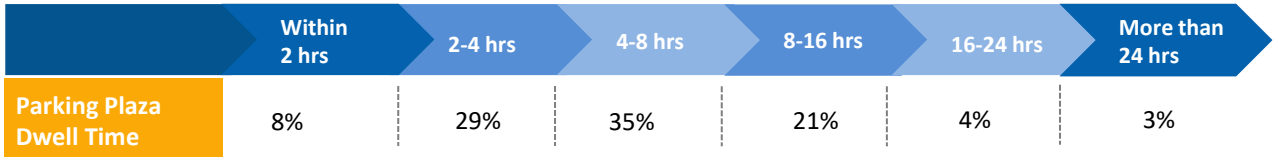
↓ ↑ Indicates decrease/ increase in time from last month

Parking Plaza Analysis: **Chennai Port**

The analysis showcases waiting time of containers at parking plaza

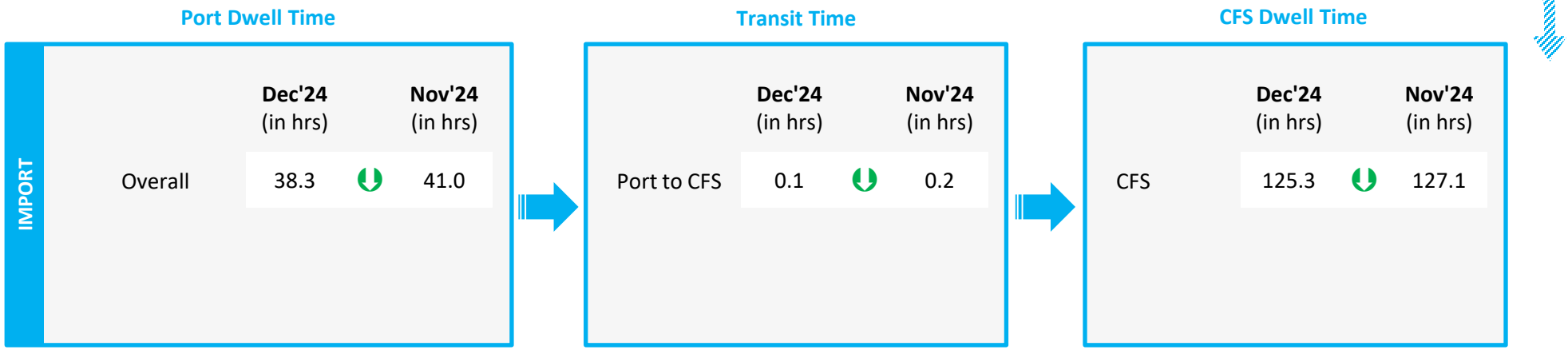
Parking Plaza Dwell Time (Gate In – Gate Out)	Dec'24 (in hrs)	Nov'24 (in hrs)
Thiruvottiyur CWC DPE Facility	5.0	4.6

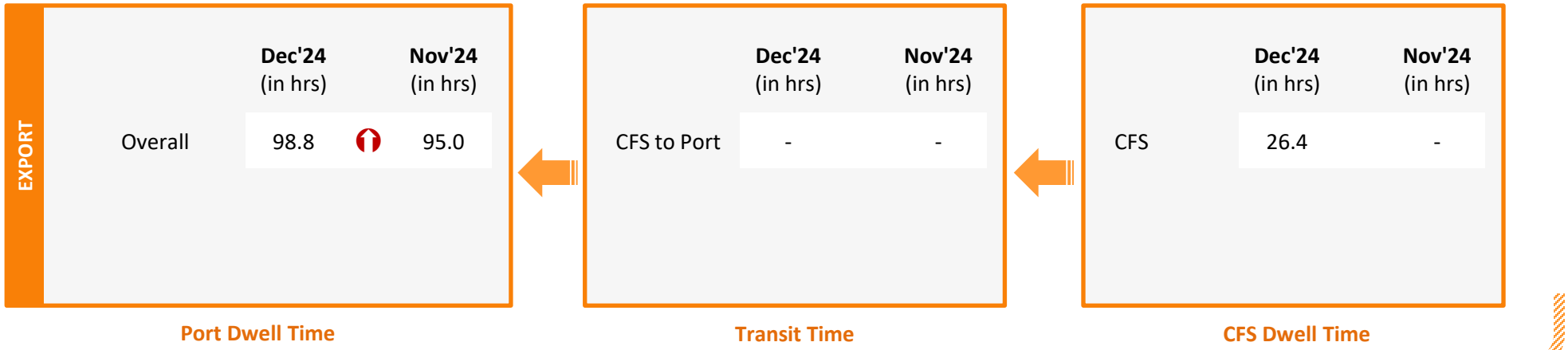
Container Count Percentage: Hour-wise (Dec'24)



Kochi Port Performance

Container Lifecycle (Import Cycle)



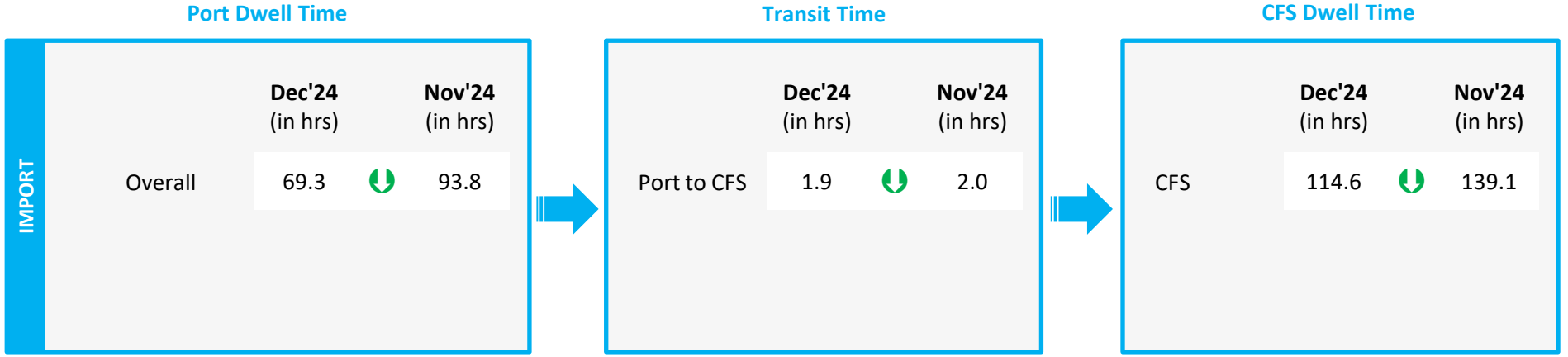


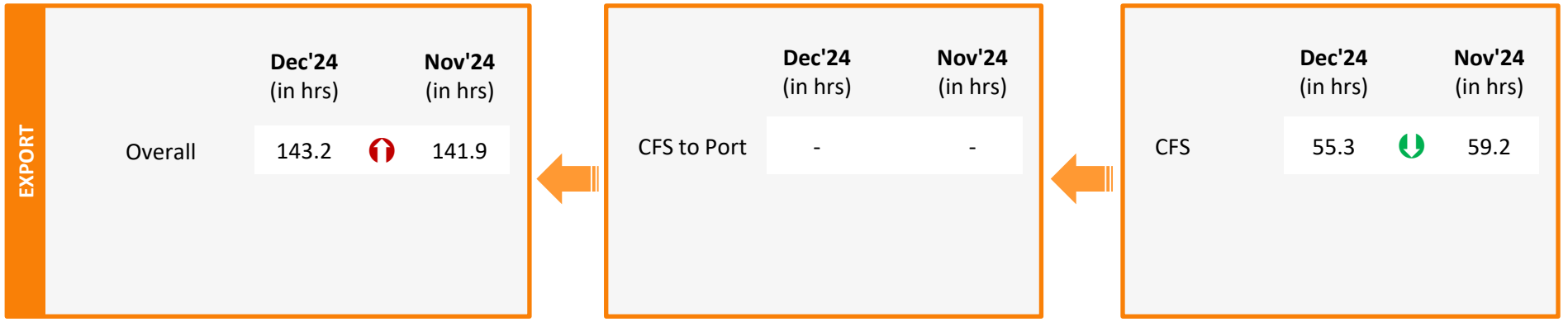
Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last month

Kattupalli Port Performance

Container Lifecycle (Import Cycle)



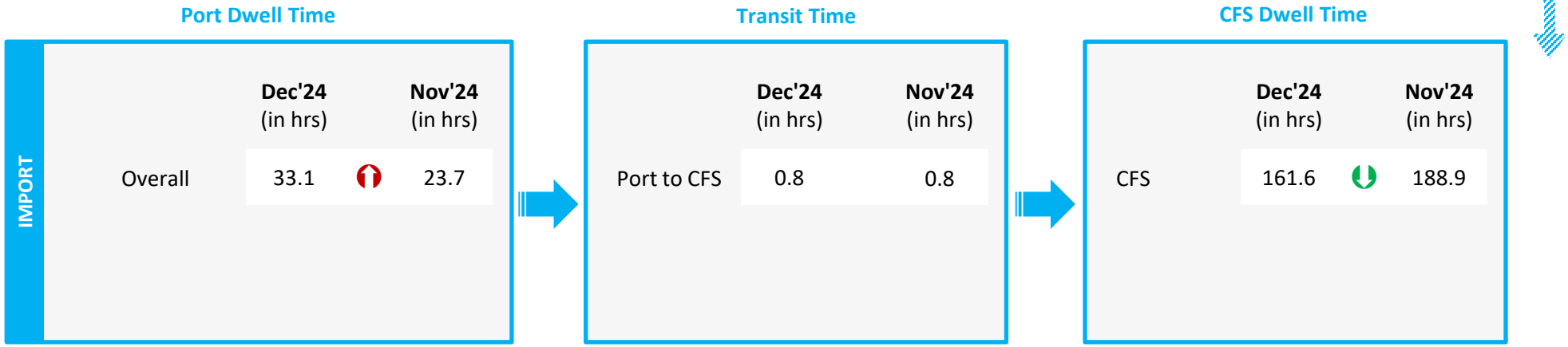


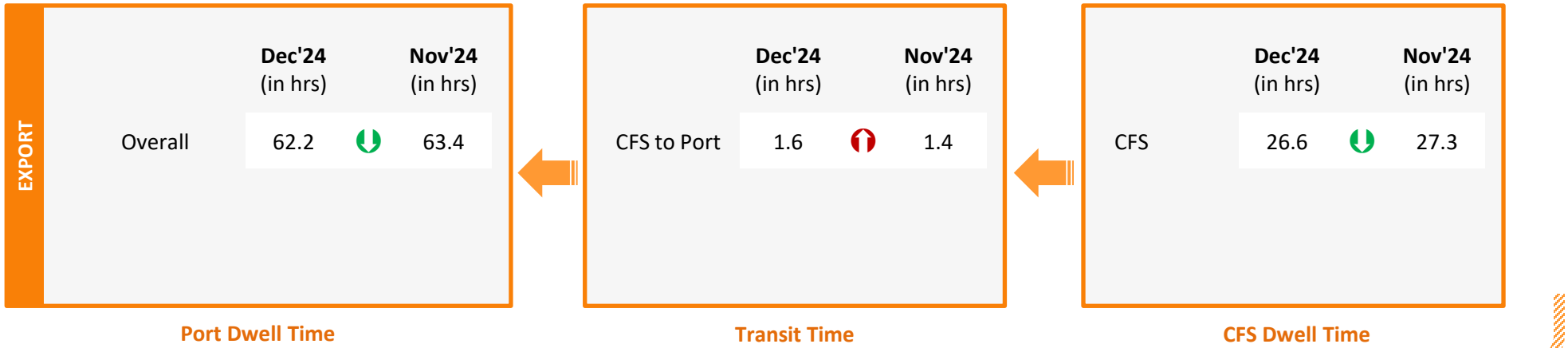
Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last month

Tuticorin Port Performance

Container Lifecycle (Import Cycle)





Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last month

Ennore Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)
Truck	55.1	↓	84.3
Train	45.1	↓	79.1
Overall	53.6	↓	79.2

Transit Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
Port to CFS	1.7	↑	1.6

CFS Dwell Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
CFS	114.6	↓	139.1

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)
Truck	138.1	↓	153.8
Train	101.3	↓	148.8
Overall	125.9	↓	149.0

Transit Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
CFS to Port	-		-

CFS Dwell Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
CFS	55.3	↓	59.2

↓ ↑ Indicates decrease/ increase in time from last month

New Mangalore Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)
Overall	41.3*	↓	42.1*

EXPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)
Overall	53.4*	↓	59.4*

Port Dwell Time

Container Lifecycle (Export Cycle)

***Note:** New Mangalore dwell time does not include the free time at the port

↓ ↑ Indicates decrease/ increase in time from last month

Port to Toll Plaza Analysis: **Southern Region**

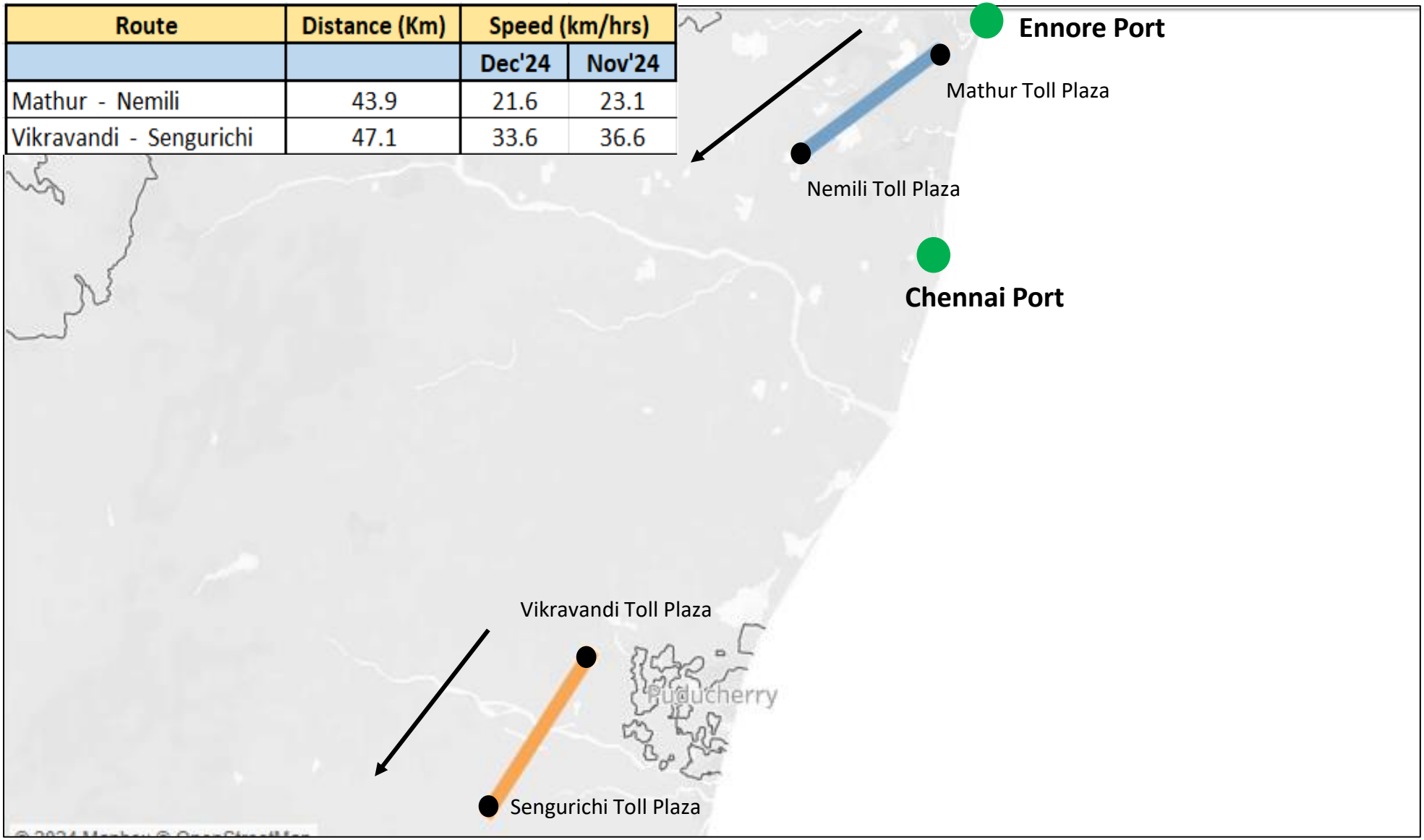
Below table depicts the average speed of a truck to cover the distance between the port and nearest toll plaza:

Region	Port	Adjacent Toll plaza	Distance (in Km)	Average Speed (in Km/hr)	
				Dec'24	Nov'24
Southern	Kochi	Ponnarimangalam	5	16.7	17.6
	New Mangalore	Brahamarakotlu	25	25.4	26.3
	New Mangalore	Gundmi Toll Plaza, NH66	69	20.5	13.5
	New Mangalore	Talapady Toll Plaza, NH66	23	21.9	21.9
	Chennai	Mathur	25	13.0	14.1
	Kattupalli	Mathur	28	16.2	12.5
	Ennore	Mathur	21	12.2	-
	Tuticorin	Pudurpandiyapuram	29	37.0	38.7

Toll Plaza Analysis: **Chennai and Ennore Port**

The average speed of trucks to cover the distance between adjacent toll plazas for Dec'24:

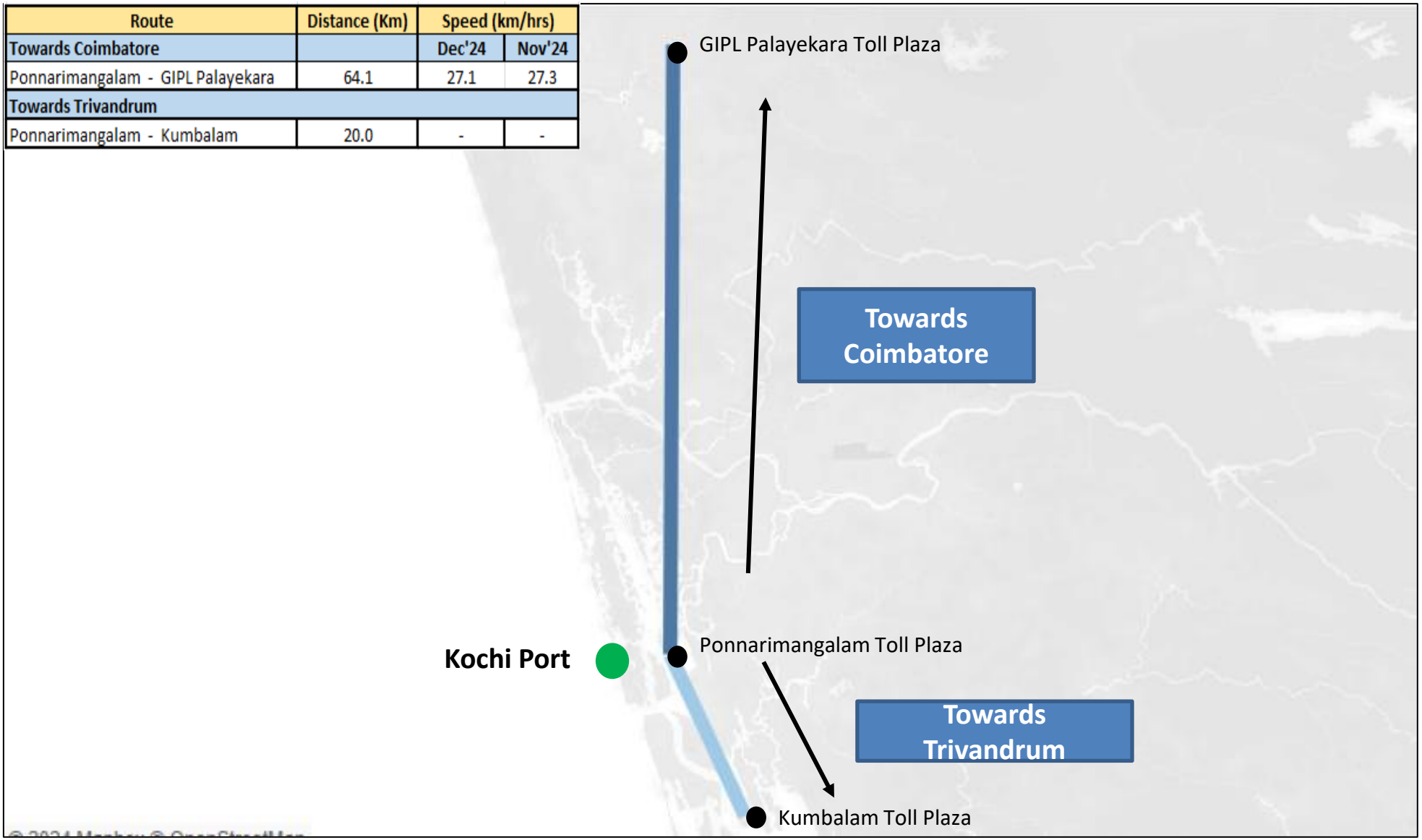
Route	Distance (Km)	Speed (km/hrs)	
		Dec'24	Nov'24
Mathur - Nemili	43.9	21.6	23.1
Vikravandi - Sengurichi	47.1	33.6	36.6



Toll Plaza Analysis: **Kochi Port**

The average speed of trucks to cover the distance between adjacent toll plazas for Dec'24:

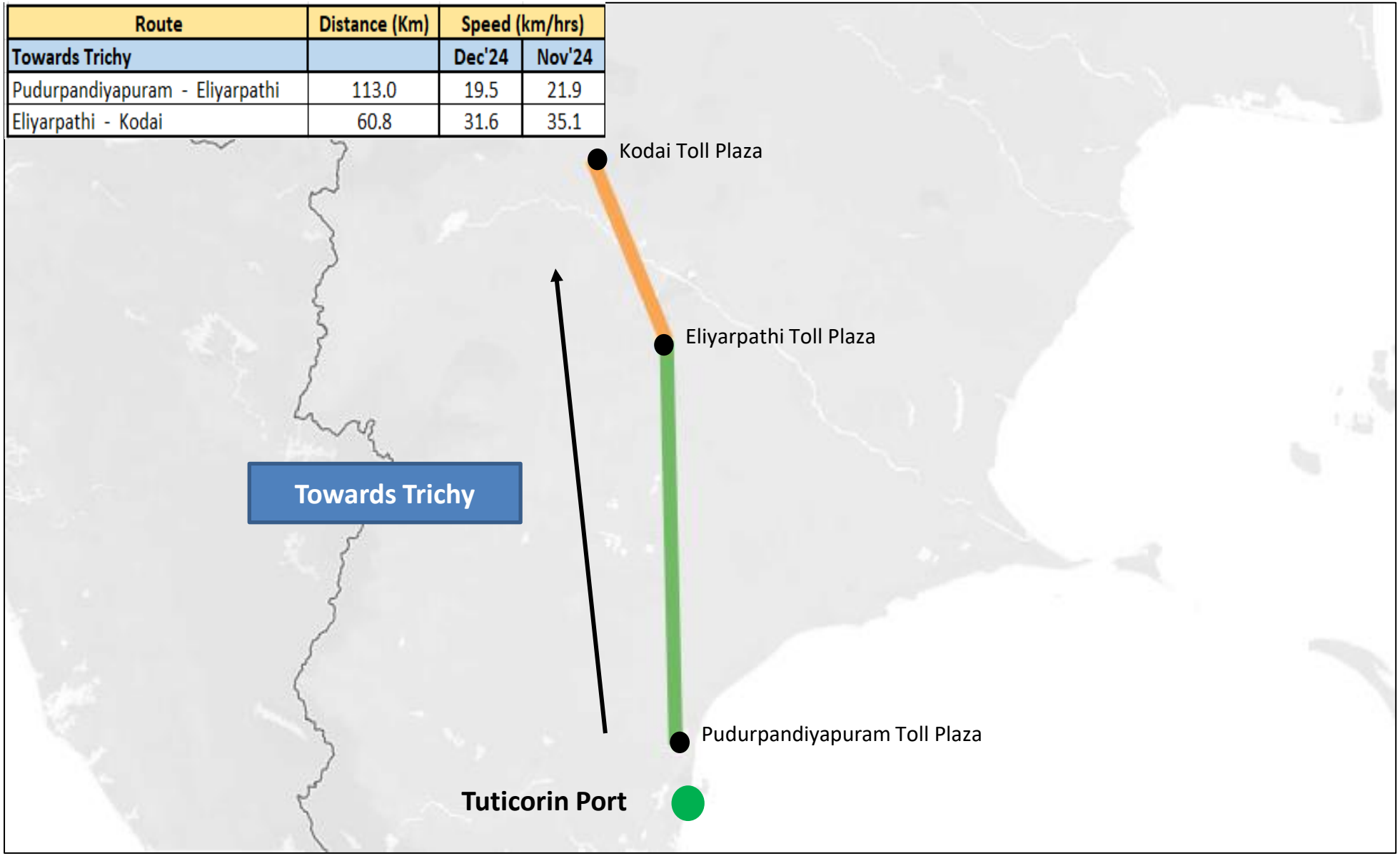
Route	Distance (Km)	Speed (km/hrs)	
Towards Coimbatore		Dec'24	Nov'24
Ponnarimangalam - GIPL Palayekara	64.1	27.1	27.3
Towards Trivandrum			
Ponnarimangalam - Kumbalam	20.0	-	-



Toll Plaza Analysis: **Tuticorin Port**

The average speed of trucks to cover the distance between adjacent toll plazas for Dec'24:

Route	Distance (Km)	Speed (km/hrs)	
Towards Trichy		**Dec'24**	**Nov'24**
Pudurpandiyapuram - Eliyarpathi	113.0	19.5	21.9
Eliyarpathi - Kodai	60.8	31.6	35.1



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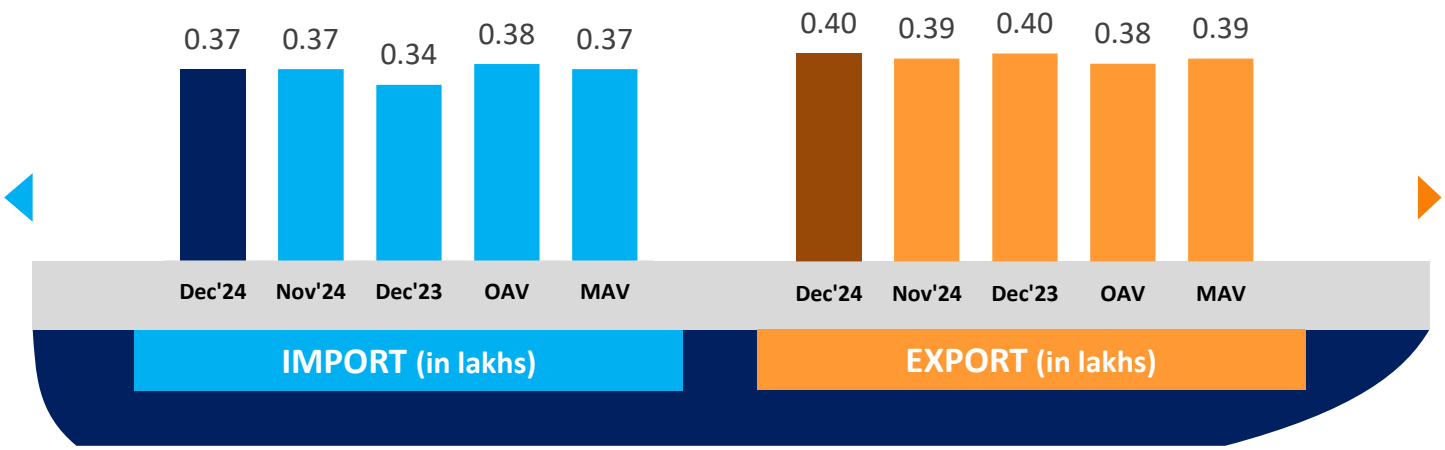
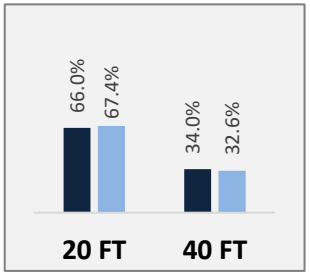
04
EASTERN REGION PERFORMANCE

Container Count: **Eastern Region**

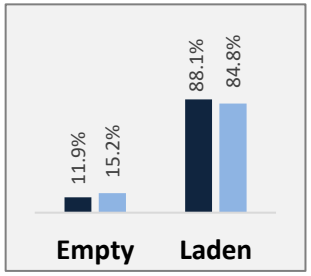
Eastern Region



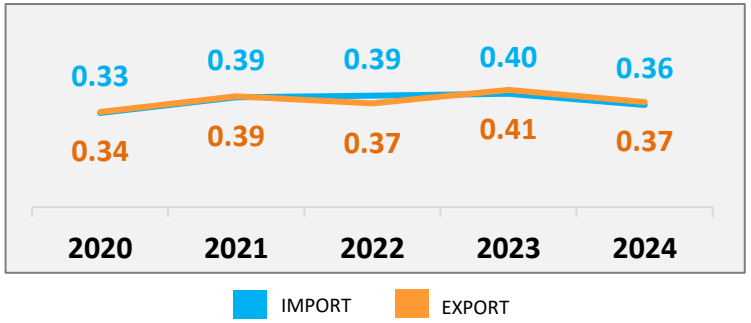
Container Size-wise (Import)



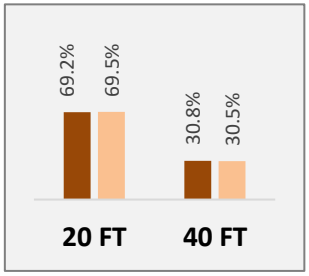
Container Type-wise (Import)



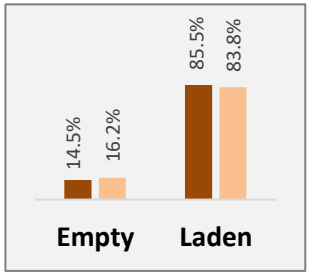
Container Count - Annual Average (in lakhs/ month)



Container Size-wise (Export)



Container Type-wise (Export)

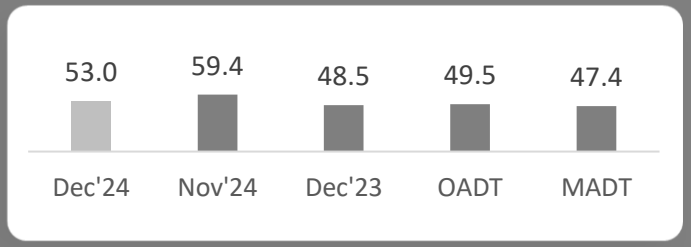


OAV – Overall Avg Volume
MAV – Monthly Avg Volume

Dwell Time Performance: **Eastern Region Import/ Export Cycle**

Eastern Region

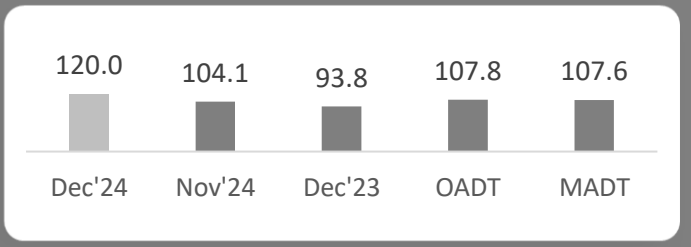
IMPORT



PAN India Import Dwell Time (Dec'24)

30.4 Hrs.

EXPORT



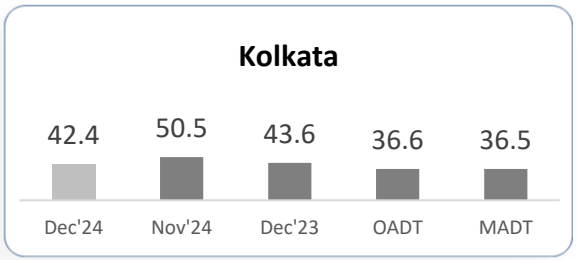
PAN India Export Dwell Time (Dec'24)

89.5 Hrs.

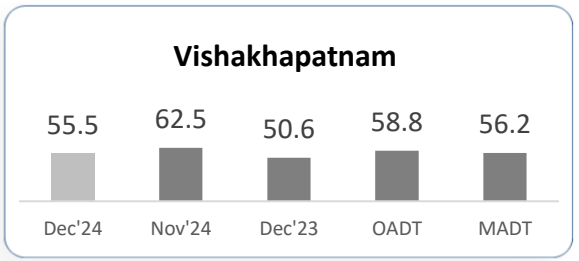
IMPORT

Ports

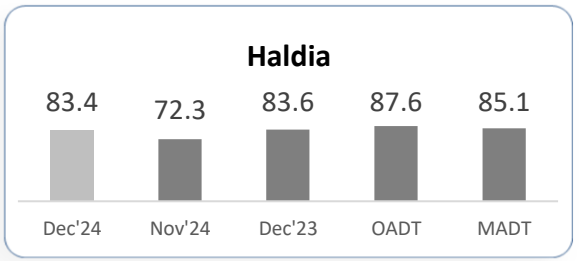
Kolkata



Vishakhapatnam



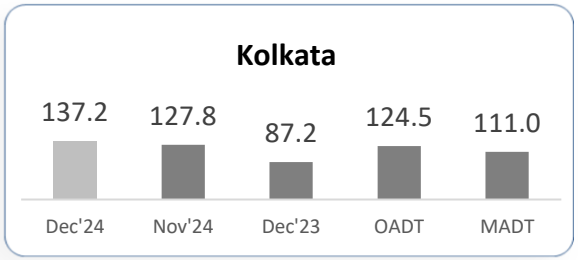
Haldia



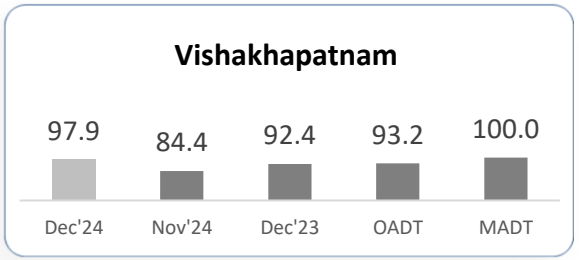
EXPORT

Ports

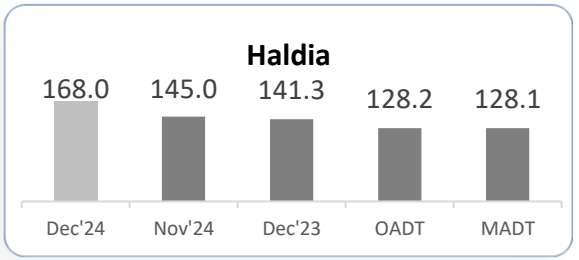
Kolkata



Vishakhapatnam



Haldia



OADT – Overall Avg Dwell Time
MADT – Monthly Avg Dwell Time

Note:
All values are in hours

Container Turnaround Analysis: **Eastern Region**

Container turnaround analysis showcases the percentage of container count (no. of boxes) retained by respective ports. This analyzes the number of containers getting imported and exported from same port along with the time taken by them to complete the cycle.

Port In (Import Cycle)	Port Out (Export Cycle)	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)		
		Dec'24	Nov'24	Nov'23	Dec'24	Nov'24	Dec'23
Visakhapatnam	Visakhapatnam	94%	94%	97%	33.7	34.8	41.3
	Other Ports	6%	6%	3%	67.1	67.2	75.1
Kolkata	Kolkata	85%	93%	95%	36.6	41.1	34.7
	Haldia	12%	5%	2%	47.9	48.4	57.9
	Other Ports	3%	2%	3%	63.4	53.8	53.8
Haldia	Haldia	75%	68%	86%	34.0	44.0	80.0
	Kolkata	25%	32%	14%	36.2	58.0	48.3

Note: Please refer annexure for Container Turnaround Analysis Methodology

Eastern Region Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)
Truck	48.0	↓	54.5
Train	184.6	↑	137.1
Overall	53.0	↓	59.4

CFS/ ICD Dwell Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
CFS	143.9	↓	154.7
ICD	-		-

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	Dec'24 (in hrs)		Nov'24 (in hrs)
Truck	118.7	↑	103.3
Train	137.1	↑	112.8
Overall	120.0	↑	104.1

CFS/ ICD Dwell Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
CFS	82.5	↓	113.2
ICD	110.5		-

↓ ↑ Indicates decrease/ increase in dwell time from last month

Port Performance Benchmarking: **Eastern Region**

Performance benchmarking of terminals based on dwell time vis-à-vis container count (no. of boxes) handled:

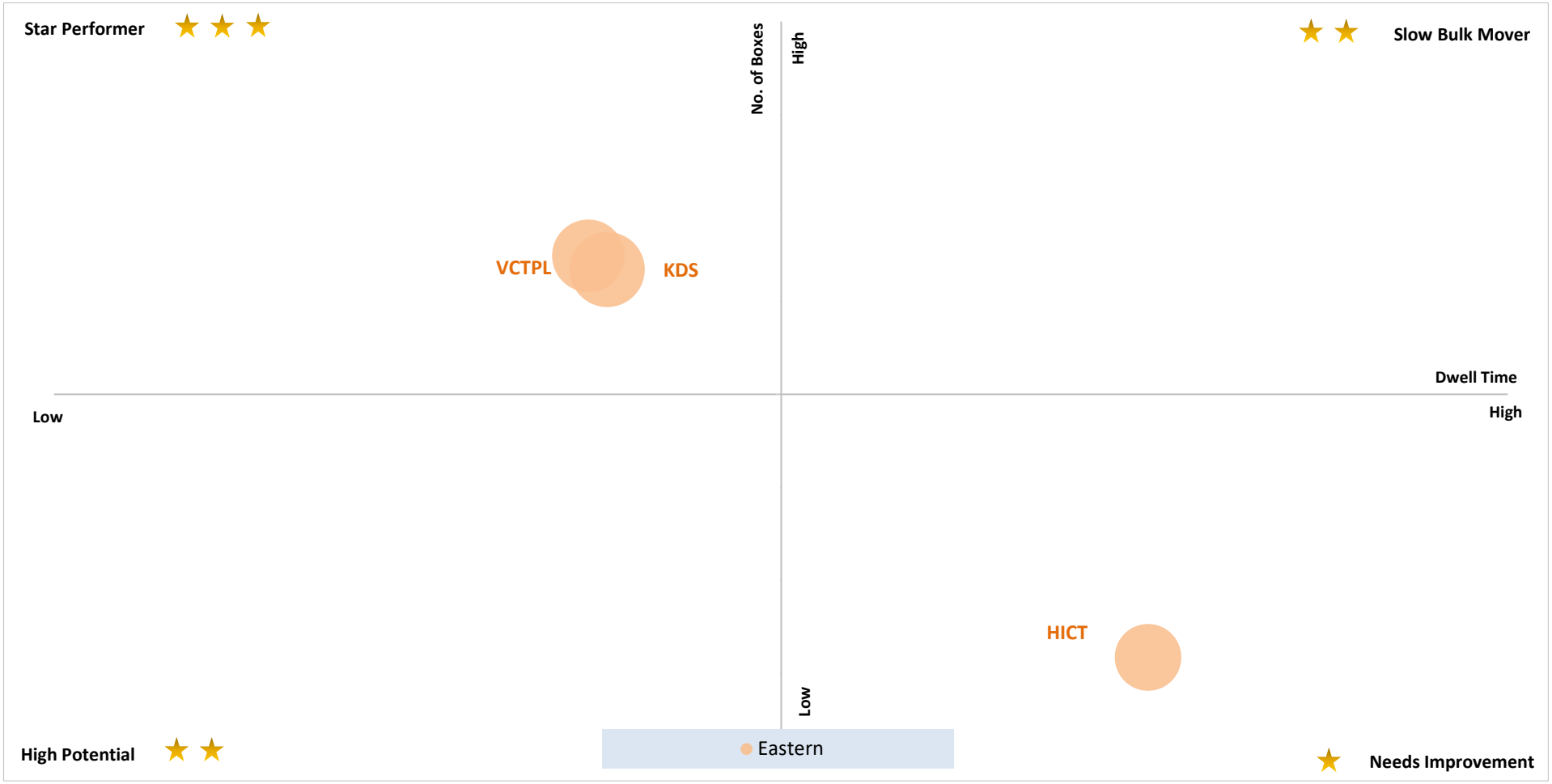
Abb.	Name of Terminal
A	Haldia International Container Terminal (HICT)
B	Kolkata Dock System (KDS) , Kolkata Port
C	Visakha Container Terminal

X-Axis: Dwell Time
Threshold value (in hours): 89.0

Y-Axis: No. of Boxes
Threshold value (no. of boxes): 25,507

Performance Benchmarking: **Eastern Region**

Performance benchmarking of terminals based on dwell time, container count (no. of boxes) handled, and terminal capacity for Dec'24:



X-Axis: Dwell Time
Threshold value (in hours): 89.0

Bubble size represents the terminal capacity

Y-Axis: No. of Boxes
Threshold value (no. of boxes): 25,507

Star Performer ★ ★ ★
Entities with high container count and low dwell time

High Potential ★ ★
Entities with low container count and low dwell time

Slow Bulk Mover ★ ★
Entities with high container count and high dwell time

Needs Improvement ★
Entities with low container count and high dwell time

Note: Terminal abbreviation details are mentioned in annexure

Port Performance Benchmarking (Previous year same month): **Eastern Region**

Performance benchmarking of terminals based on the change from previous year same month in dwell time vis-a-vis container count (no. of boxes) handled:

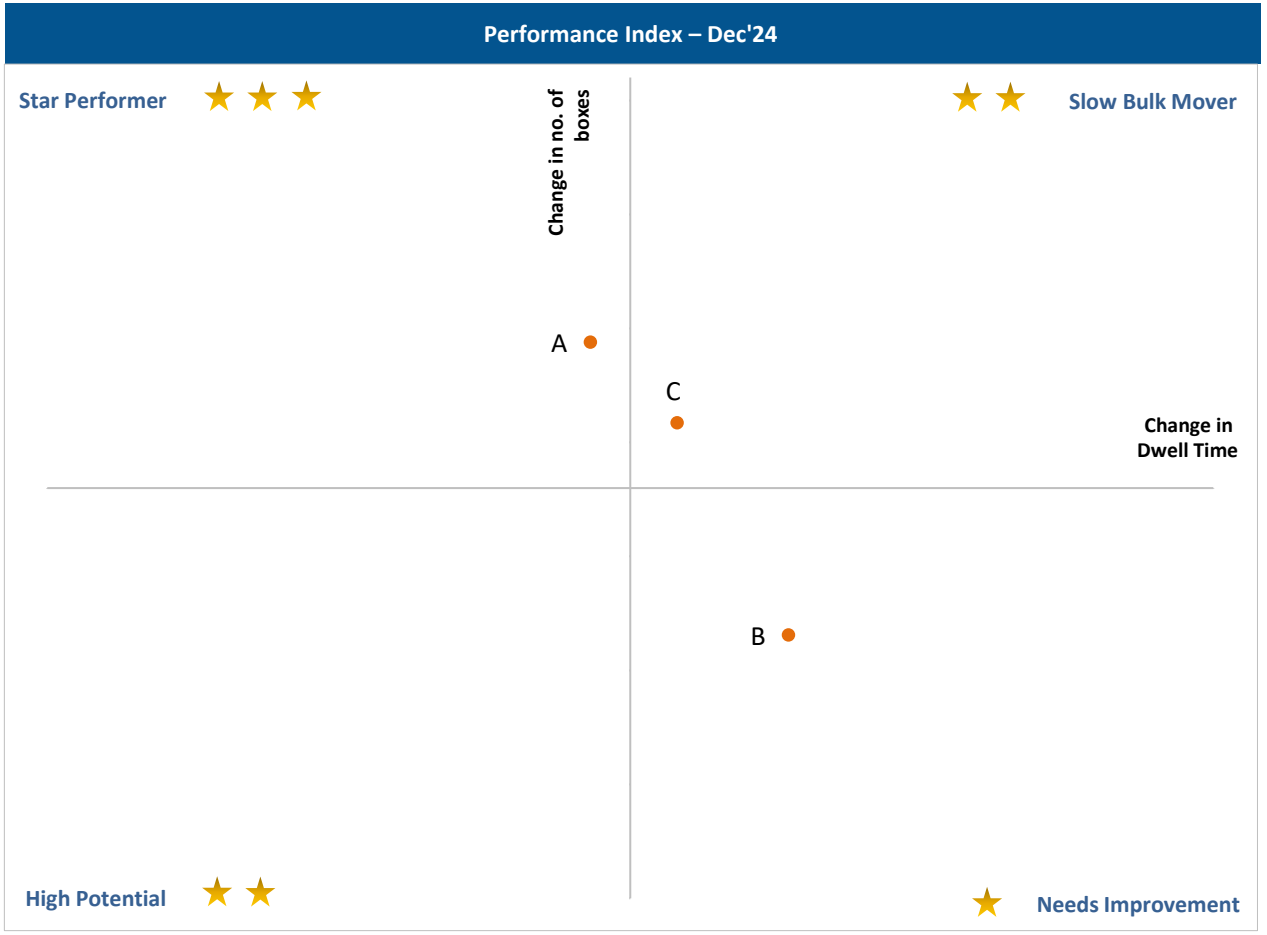


Abb.	Name of Terminal
A	Haldia International Container Terminal (HICT)
B	Kolkata Dock System (KDS) , Kolkata Port
C	Visakha Container Terminal

X-Axis: Change in dwell time

Y-Axis: Change in no. of boxes

Port Performance Benchmarking (Capacity & Dwell time): **Eastern Region**

Performance benchmarking of terminals based on dwell time vis-a-vis capacity (in TEU):

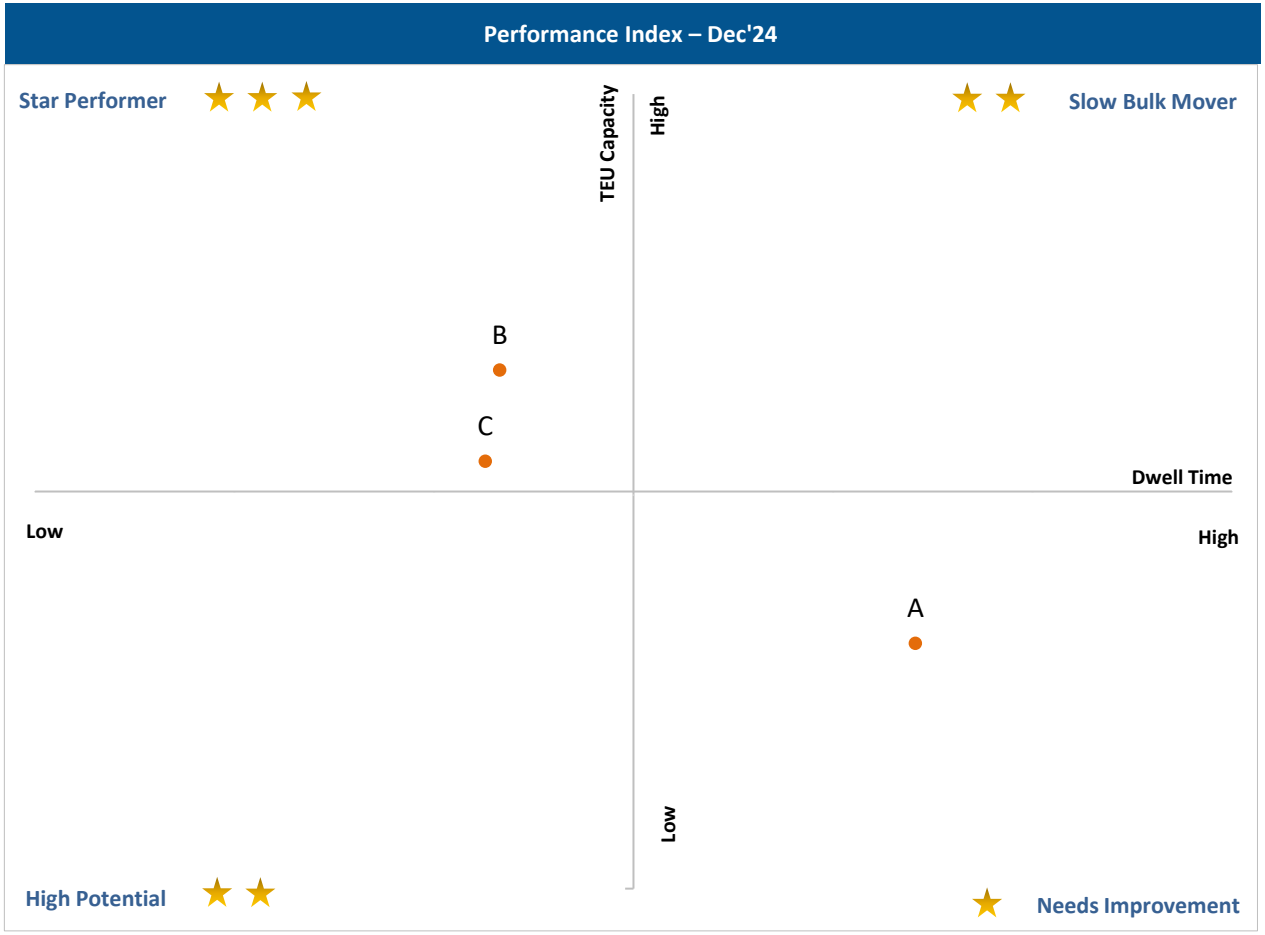


Abb.	Name of Terminal
A	Haldia International Container Terminal (HICT)
B	Kolkata Dock System (KDS) , Kolkata Port
C	Visakha Container Terminal

X-Axis: Dwell Time

Y-Axis: TEU Capacity

CFS Performance Benchmarking: **Eastern Region**

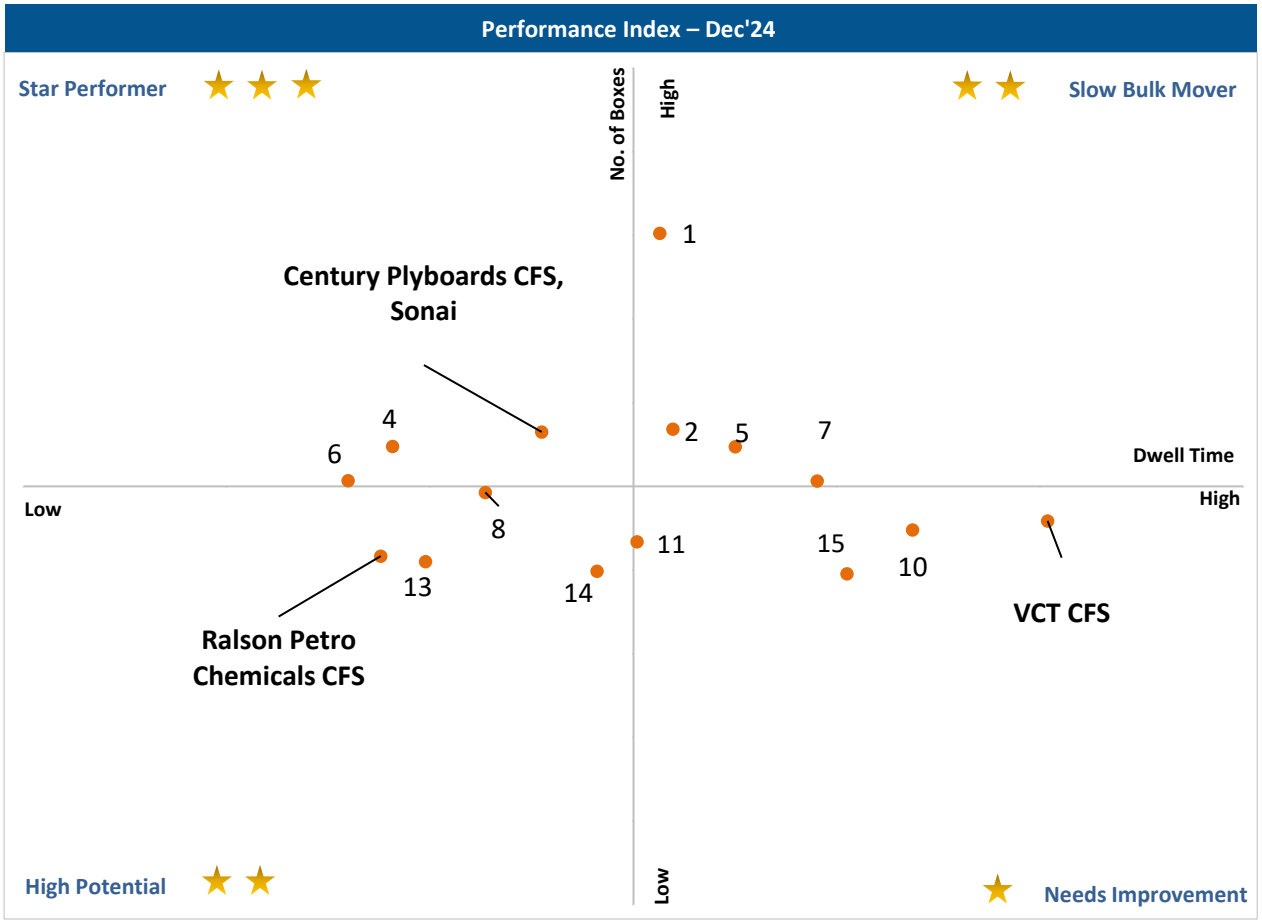
Performance benchmarking of CFSs based on dwell time vis-a-vis container count (no. of boxes) handled:

Top Performing CFS

Century Plyboards CFS, Sonai

High Potential CFS

Ralson Petro Chemicals CFS



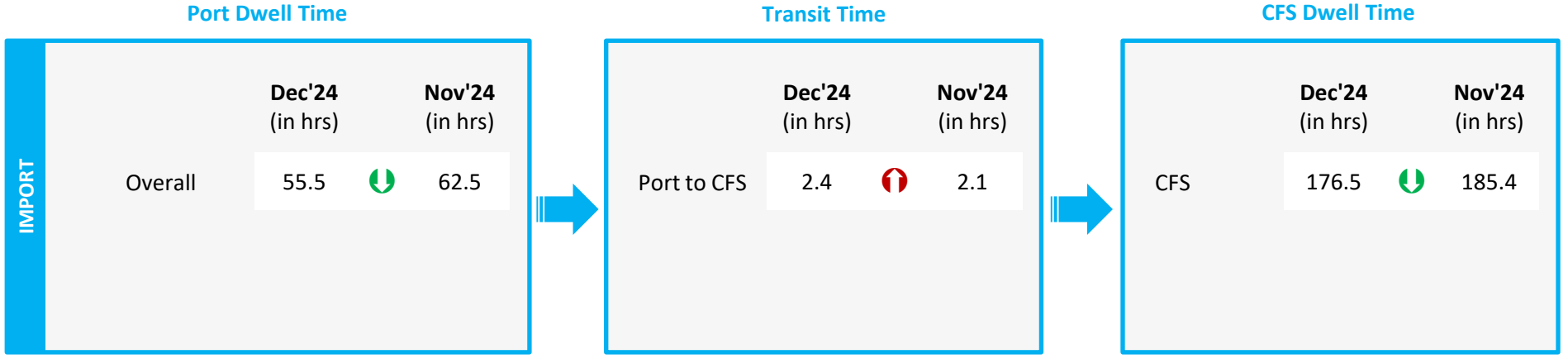
Low Performing CFS

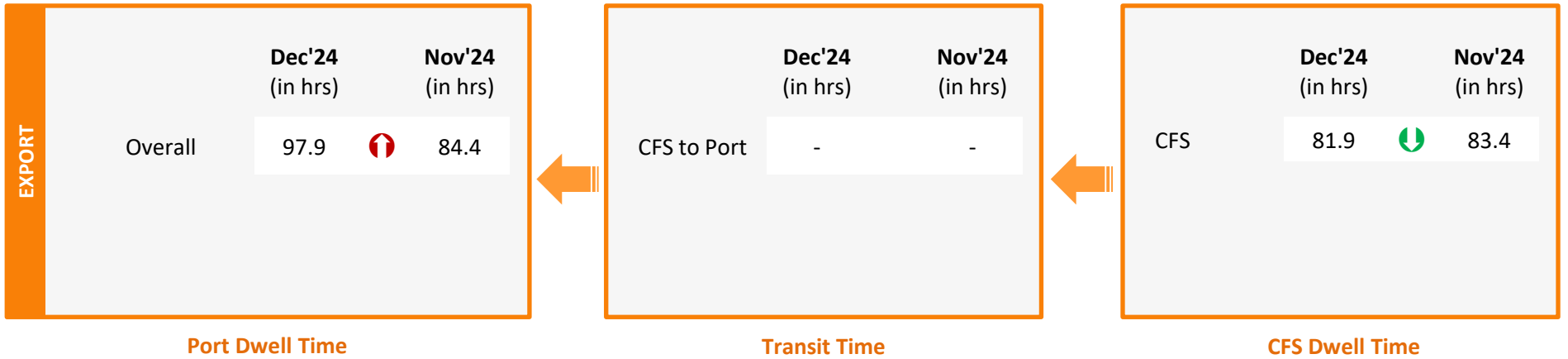
VCT CFS

Note:
Please refer annexure for CFS names

Visakhapatnam Port Performance

Container Lifecycle (Import Cycle)



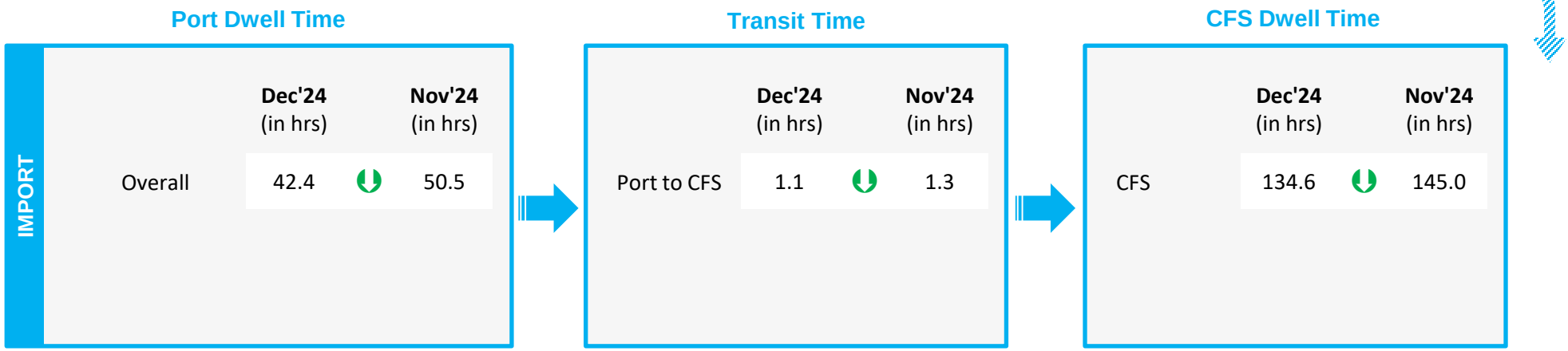


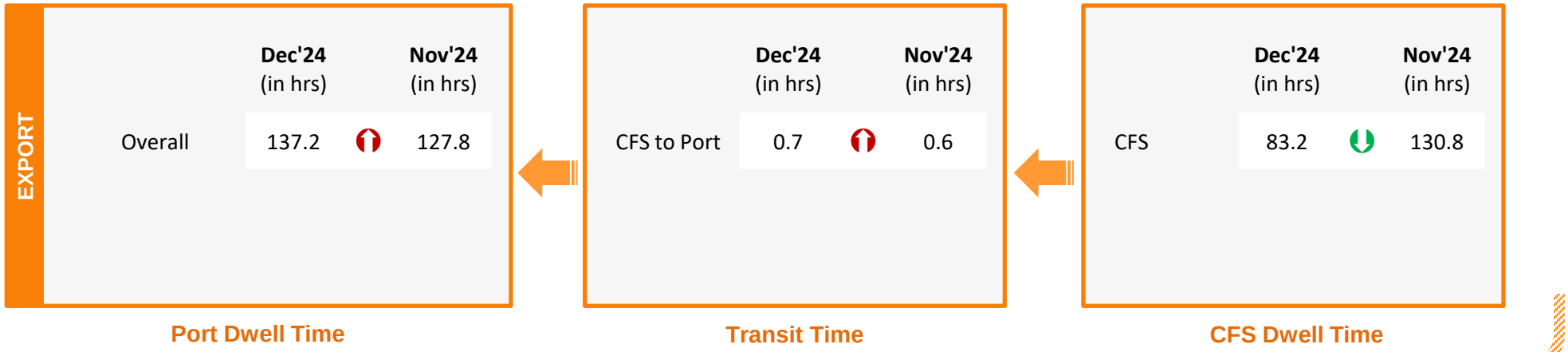
Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last month

Kolkata Port Performance

Container Lifecycle (Import Cycle)





Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last month

Parking Plaza Analysis: **Kolkata Port**

The analysis showcases waiting time of containers at parking plaza and transit time between parking plaza exit and port entry:

Parking Plaza Dwell Time (Gate In – Gate Out)	Dec'24 (in hrs)	Nov'24 (in hrs)
Phonex M, Q Parking Yard Kolkata	1.5	1.7

Container Count Percentage: Hour-wise (Dec'24)

	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More than 24 hrs
Parking Plaza Dwell Time	63%	23%	13%	1%	-	-

Haldia Port Performance

Container Lifecycle (Import Cycle)

IMPORT

Port Dwell Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
Overall	83.4	↑	72.3

Transit Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
Port to CFS	9.2	↓	9.4

CFS Dwell Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
CFS	141.8	↓	153.6

EXPORT

Port Dwell Time

	Dec'24 (in hrs)		Nov'24 (in hrs)
Overall	168.0	↑	145.0

Transit Time

	Dec'24 (in hrs)	Nov'24 (in hrs)
CFS to Port	-	-

CFS Dwell Time

	Dec'24 (in hrs)	Nov'24 (in hrs)
CFS	-	-

Container Lifecycle (Export Cycle)

↓ ↑ Indicates decrease/ increase in time from last month

Port to Toll Plaza Analysis: **Eastern Region**

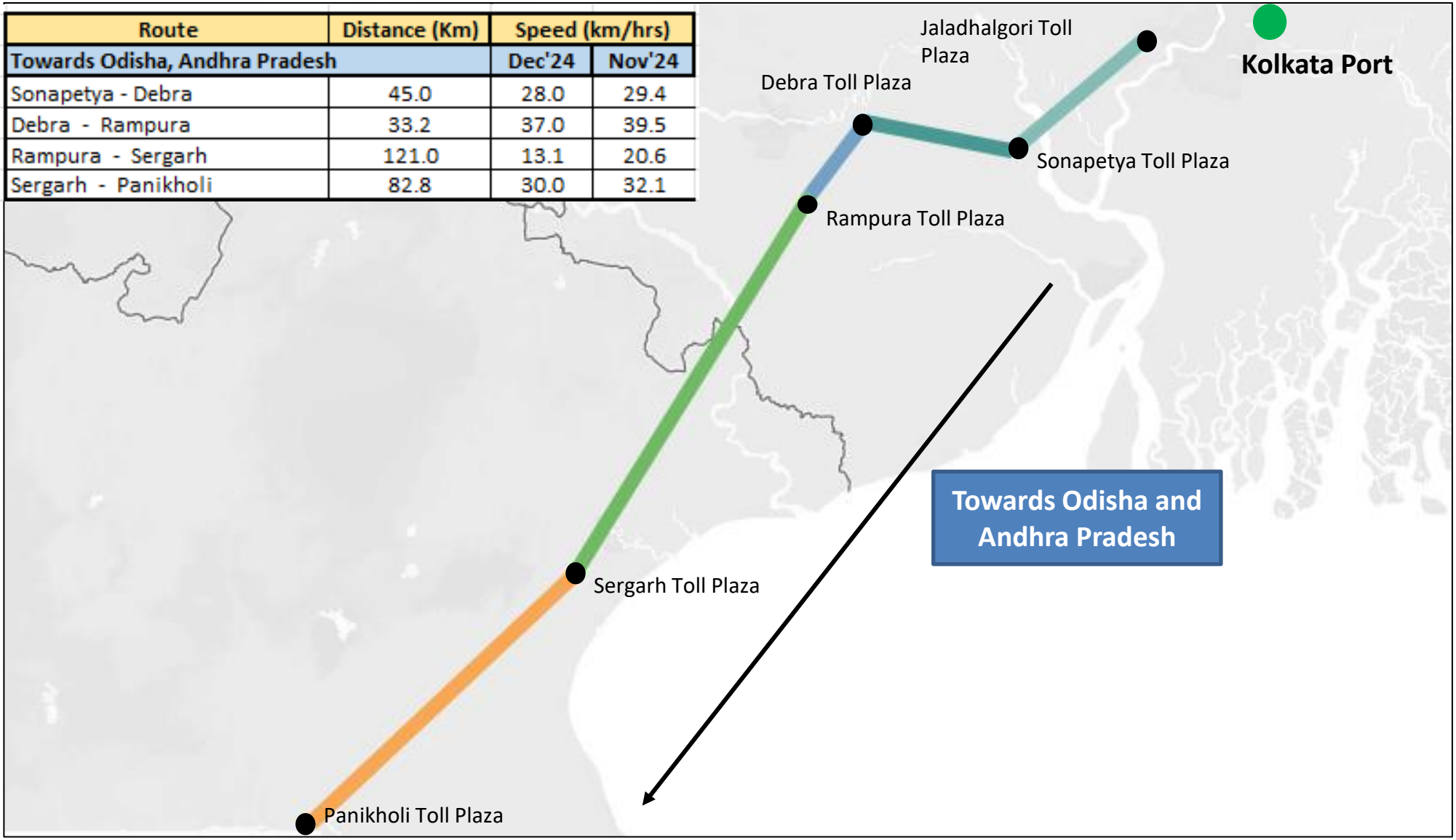
Below table depicts the average speed of a truck to cover the distance between the port and nearest toll plaza:

Region	Port	Adjacent Toll plaza	Distance (in KM)	Average Speed (in Km/hr)	
				Dec'24	Nov'24
Eastern	Kolkata	Rampura	134	11.3	16.1
		Dankuni	28	8.1	8.4
	Haldia	Sonapetya	44	9.3	9.4
	Visakhapatnam	Nathavalasa	59	12.6	14.6
		Sheelanagar	23	27.1	25.1

Toll Plaza Analysis: **Kolkata Port**

The average speed of trucks to cover the distance between adjacent toll plazas for Dec'24:

Route	Distance (Km)	Speed (km/hrs)	
Towards Odisha, Andhra Pradesh		Dec'24	Nov'24
Sonapetya - Debra	45.0	28.0	29.4
Debra - Rampura	33.2	37.0	39.5
Rampura - Sergarh	121.0	13.1	20.6
Sergarh - Panikholi	82.8	30.0	32.1



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05
CONGESTION & TRANSIT ANALYSIS

Congestion Analysis & Methodology

The analysis aims to understand the level of traffic around ports and CFS region to measure the congestion level on the route:

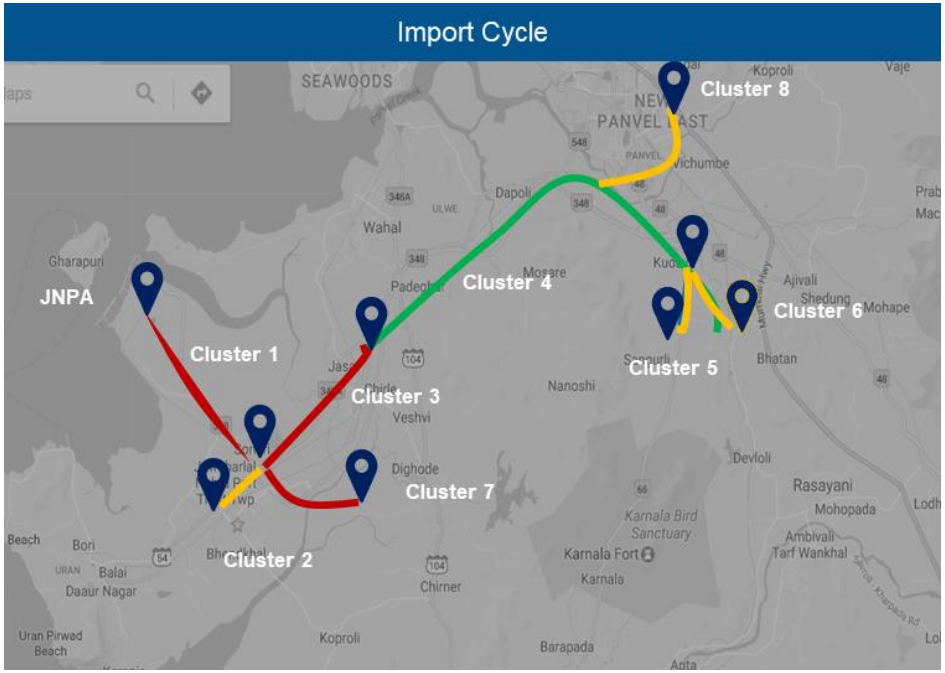
Methodology

Step 1 CFSs are divided into clusters based on their vicinity

Step 2 Cluster based transit time is calculated. The transit time is the travel time between CFS clusters and port or vice versa.

Step 3 Cluster based congestion level is calculated as per below steps:

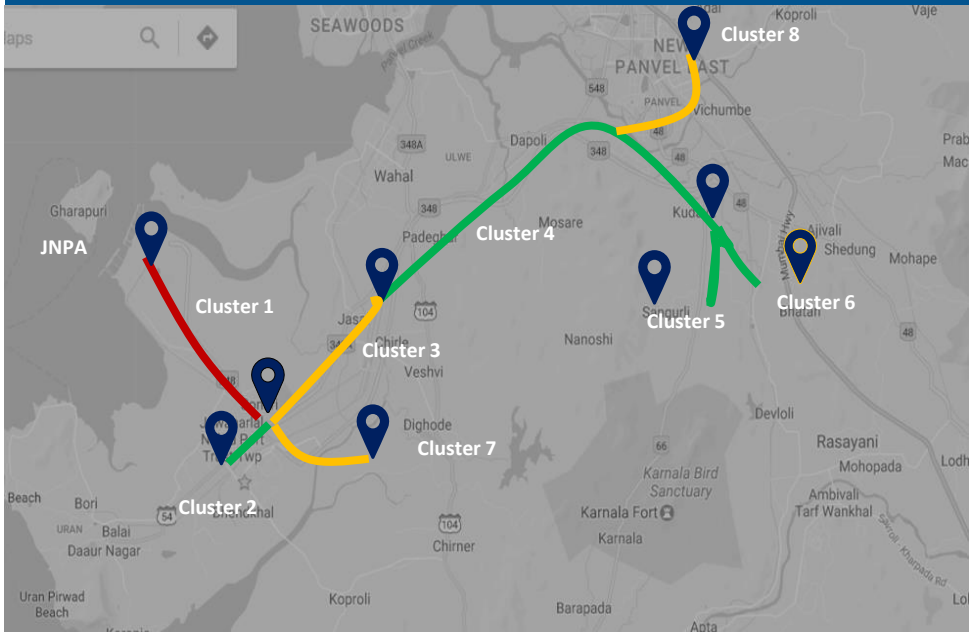
1. Cluster based transit time is compared with threshold
2. Threshold is 3X of time showcased on Google Maps between the Origin-Destination (OD) pair
3. Intensity of congestion is classified as below:
   - High congestion: >2 times the threshold
   - Medium congestion: >1.5 to <=2 times the threshold
   - Low congestion: >1 to <=1.5 times the threshold



Congestion Level — High — Medium — Low

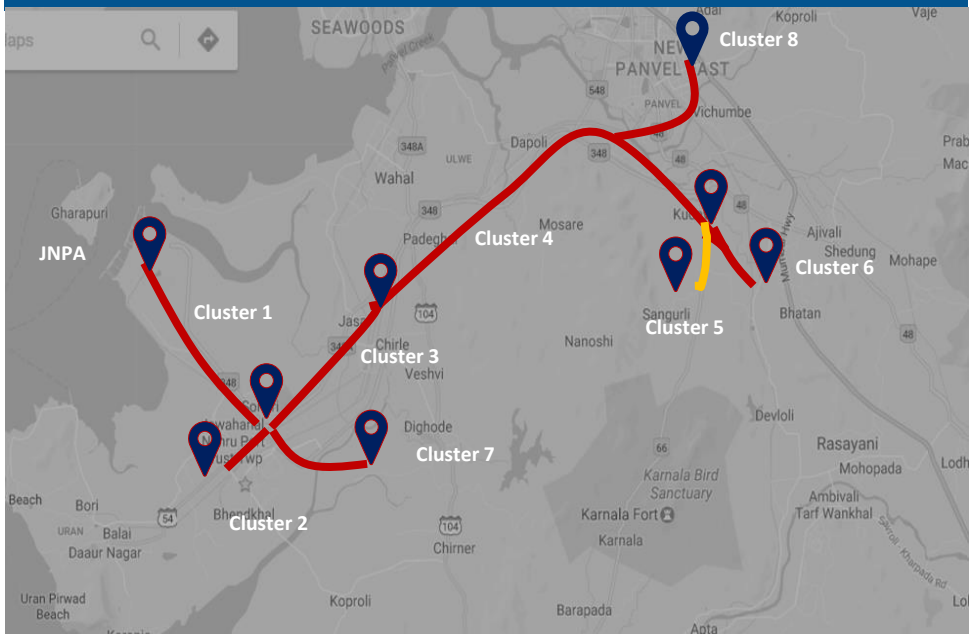
Congestion Analysis: **JNPA Region**

Import Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	7.58%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	26.68%	Low
Cluster 3	Sonari Area,JNPA Road	2	13.99%	Medium
Cluster 4	Chirle Area, JNPA Road	1	0.48%	Low
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	15.97%	Low
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	18.72%	Low
Cluster 7	Patilpada Area, Khopate JNPA Road	3	15.96%	Medium
Cluster 8	Taloja, Navi Mumbai	1	0.62%	Medium

Export Cycle

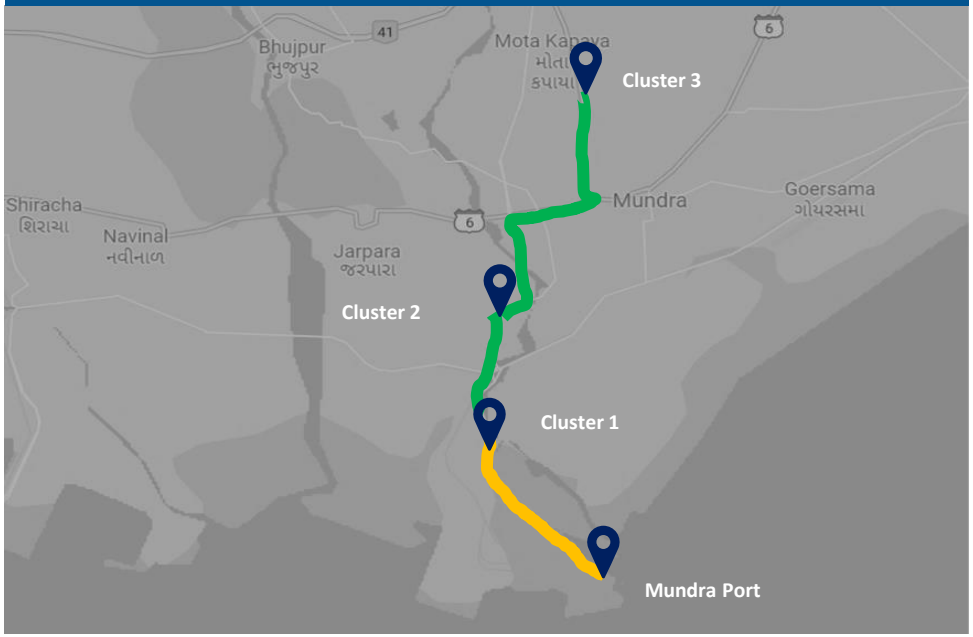


Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	7.40%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	20.76%	High
Cluster 3	Sonari Area,JNPA Road	2	12.60%	High
Cluster 4	Chirle Area, JNPA Road	1	6.11%	High
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	12.54%	Medium
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	29.85%	High
Cluster 7	Patilpada Area, Khopate JNPA Road	3	9.64%	High
Cluster 8	Taloja, Navi Mumbai	1	1.10%	High

Congestion Level — High — Medium — Low

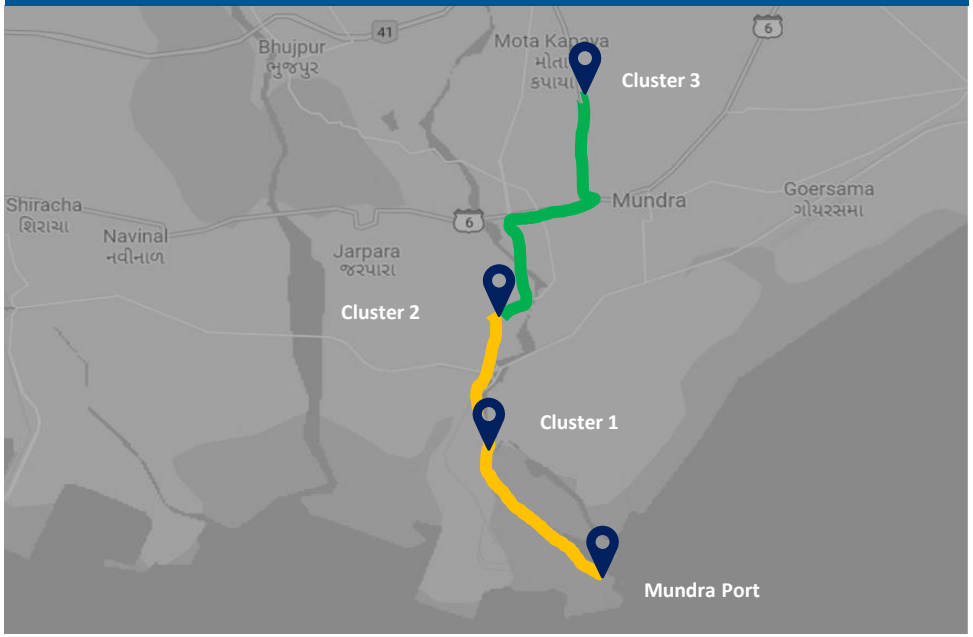
Congestion Analysis: **Mundra Region**

Import Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	APSEZ Area	12	81.97%	Medium
Cluster 2	Hind Circle	2	12.79%	Low
Cluster 3	Mota Kapaya	1	5.24%	Low

Export Cycle

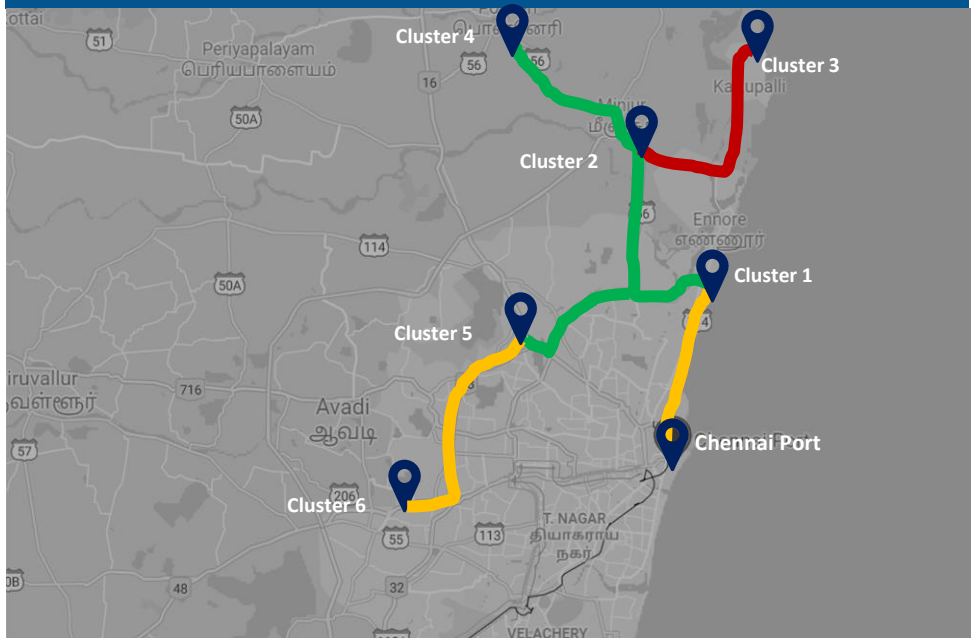


Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	APSEZ Area	12	97.74%	Medium
Cluster 2	Hind Circle	2	1.77%	Medium
Cluster 3	Mota Kapaya	1	0.49%	Low

Congestion Level — High — Medium — Low

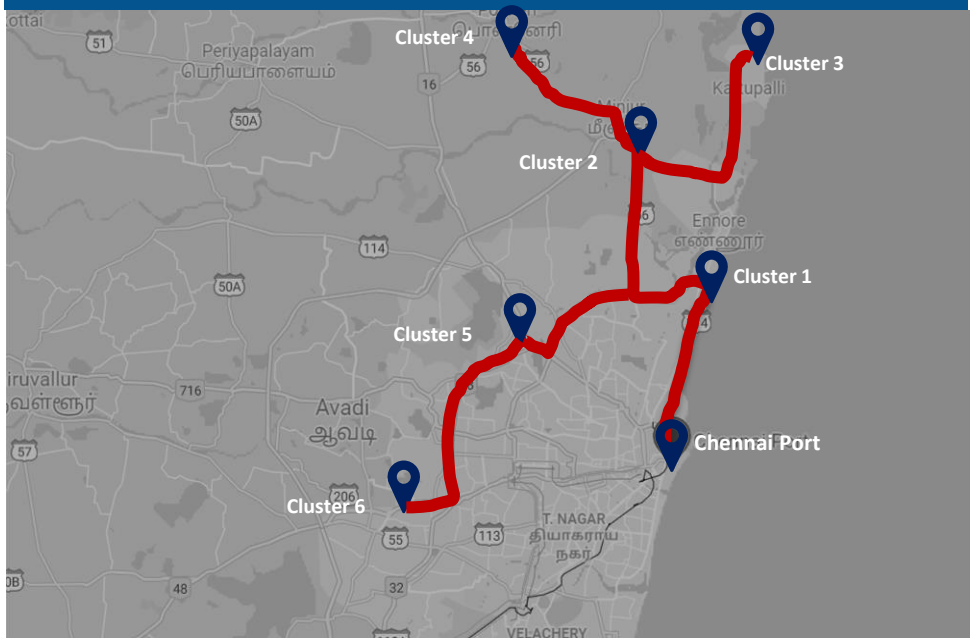
Congestion Analysis: **Chennai Region**

Import Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Thiruvottiyur High Road Augction	3	28.10%	Medium
Cluster 2	Aandarkuppam - Melur Augction	14	60.80%	Low
Cluster 3	Kattupalli Port bound Area	2	0.32%	High
Cluster 4	Minjur - Ponneri bound Area	3	4.22%	Low
Cluster 5	Madhavaram - Moolakadai Augction	3	3.04%	Low
Cluster 6	Poonamallee - Sriperumbadur Augction	5	3.52%	Medium

Export Cycle

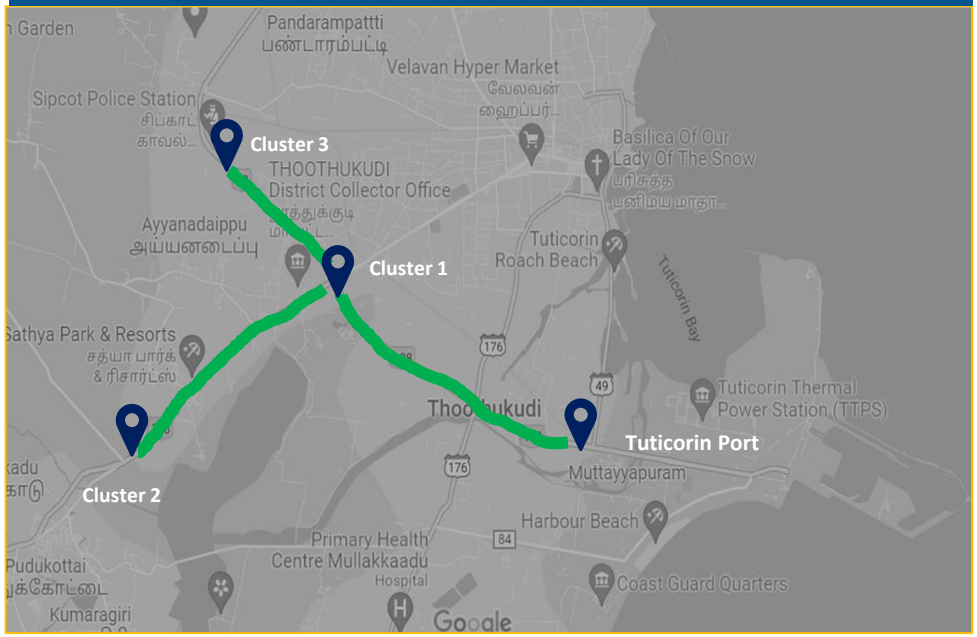


Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Thiruvottiyur High Road Augction	3	23.02%	High
Cluster 2	Aandarkuppam - Melur Augction	14	55.95%	High
Cluster 3	Kattupalli Port bound Area	2	0.32%	High
Cluster 4	Minjur - Ponneri bound Area	3	8.80%	High
Cluster 5	Madhavaram - Moolakadai Augction	3	2.98%	High
Cluster 6	Poonamallee - Sriperumbadur Augction	5	8.93%	High

Congestion Level — High — Medium — Low

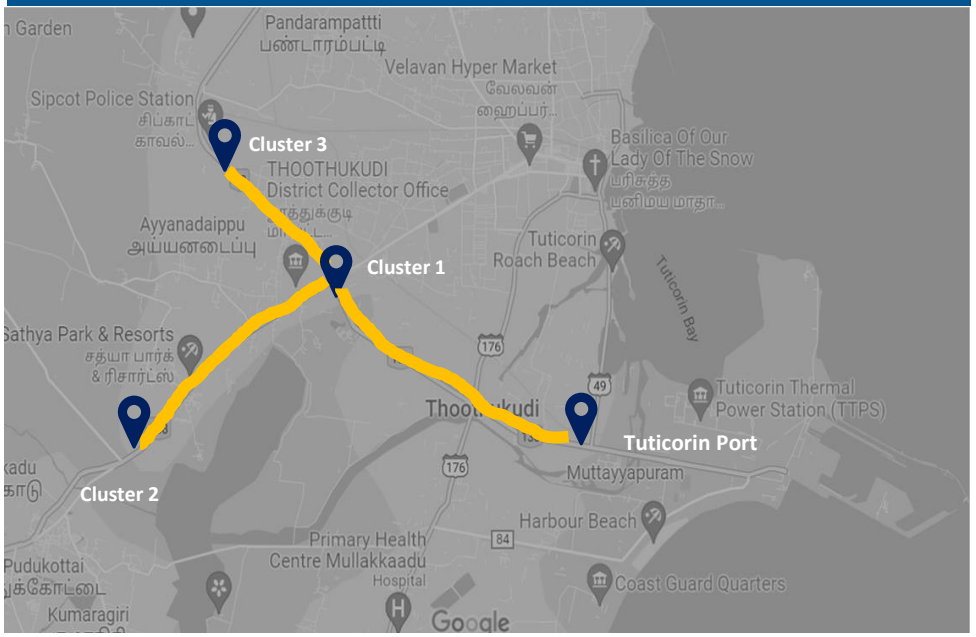
Congestion Analysis: **Tuticorin Region**

Import Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Periyanayagapuram, Thoothukudi, Madurai Road	4	40.01%	Low
Cluster 2	Tirunelveli Road nearby Podukottai	2	28.91%	Low
Cluster 3	Sipcot Area nearby Madurai Road	8	31.08%	Low

Export Cycle

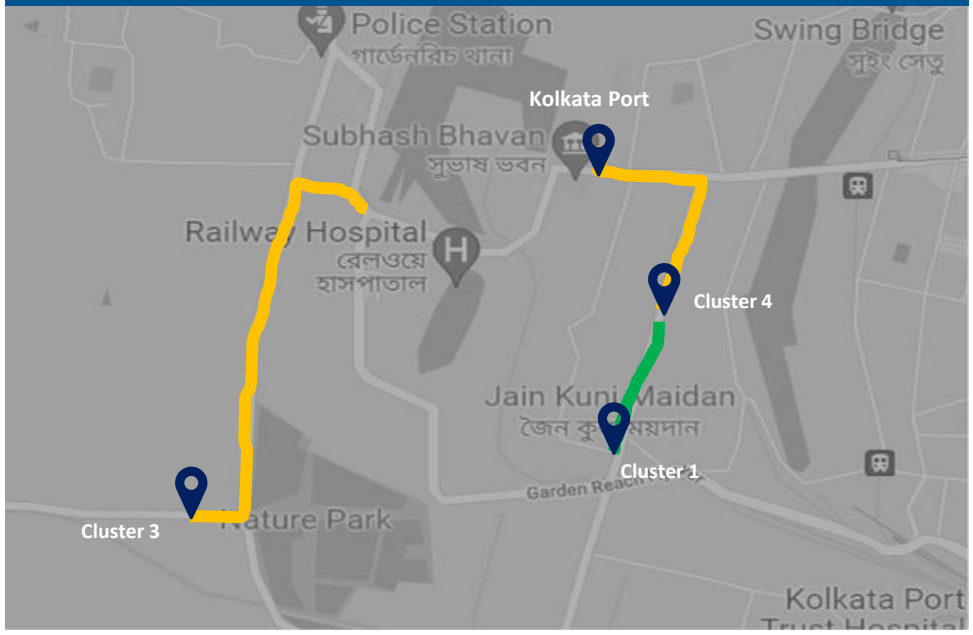


Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Periyanayagapuram, Thoothukudi, Madurai Road	4	32.58%	Medium
Cluster 2	Tirunelveli Road nearby Podukottai	2	16.87%	Medium
Cluster 3	Sipcot Area nearby Madurai Road	8	50.55%	Medium

Congestion Level — High — Medium — Low

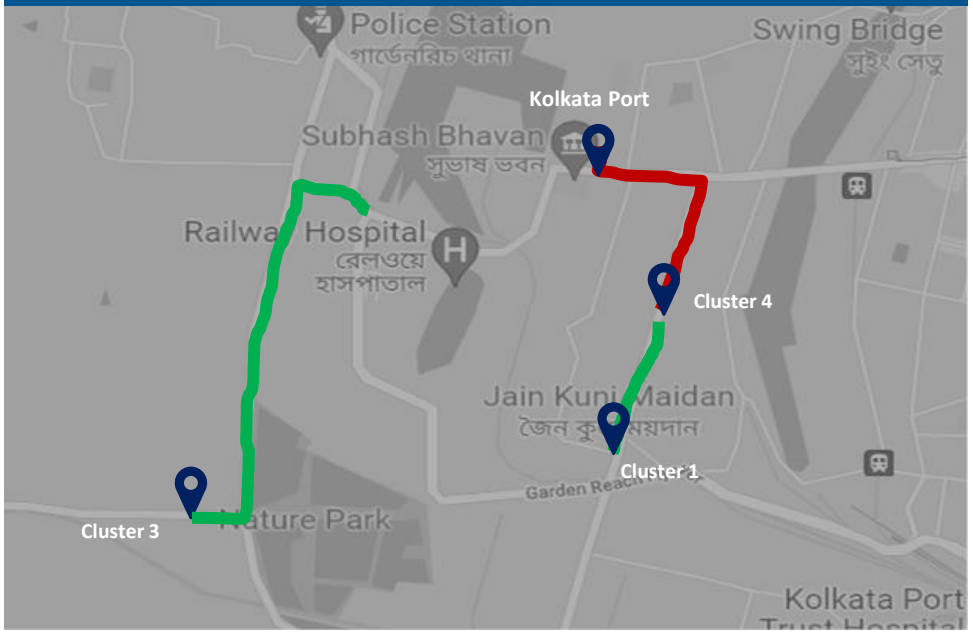
Congestion Analysis: **Kolkata Region**

Import Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Base Bridge Area	3	56.55%	Low
Cluster 2	Sonapur Road Area	1	-	-
Cluster 3	Nature Park Area	1	39.60%	Medium
Cluster 4	Babu Bazar Area	1	3.85%	Medium

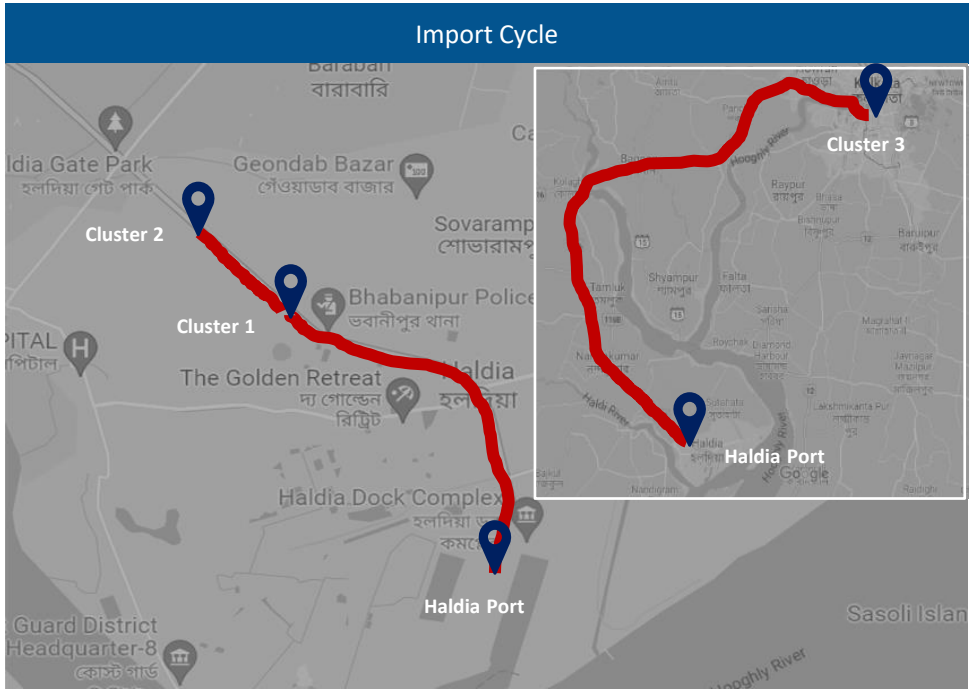
Export Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Base Bridge Area	3	39.31%	Low
Cluster 2	Sonapur Road Area	1	-	-
Cluster 3	Nature Park Area	1	54.05%	Low
Cluster 4	Babu Bazar Area	1	6.64%	High

Congestion Level — High — Medium — Low

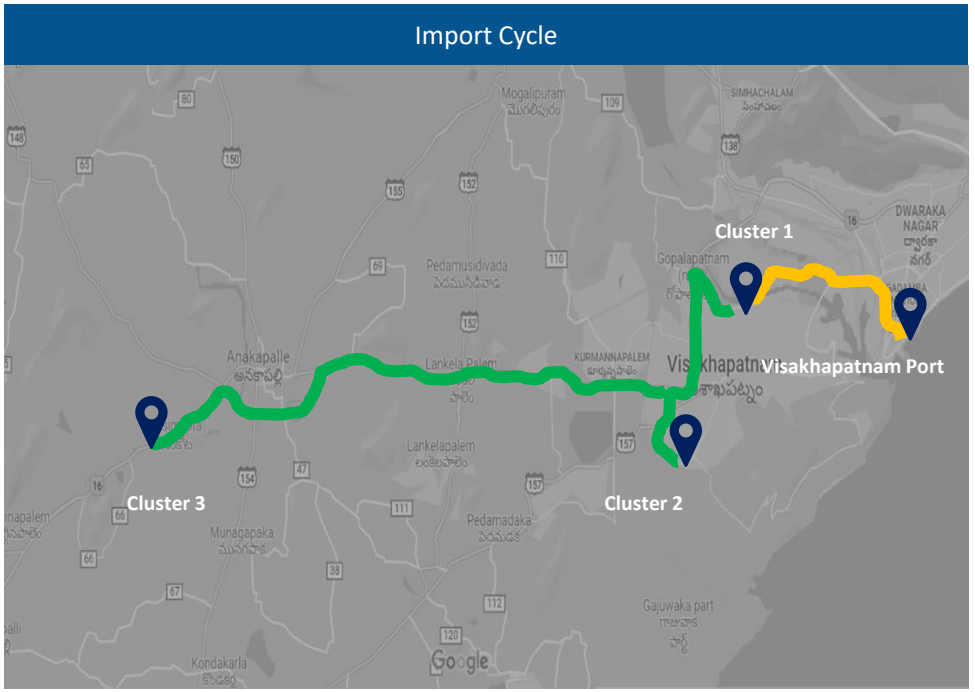
Congestion Analysis: **Haldia Region**



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Talpukur Area, Kolkata Highway	1	26.67%	High
Cluster 2	City Centre Area, Kolkata Highway	2	39.99%	High
Cluster 3	Silpodanga Area	1	33.34%	High

Congestion Level High Medium Low

Congestion Analysis: **Visakhapatnam Region**



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Port Road, Gopalapatnam Area	4	74.22%	Medium
Cluster 2	Autonagar, Gajuwaka Area	3	22.48%	Low
Cluster 3	Chennai – Kolkata Highway, Bayyavaram Area	1	3.30%	Low

Congestion Level High Medium Low

Transit Movement across ICPs

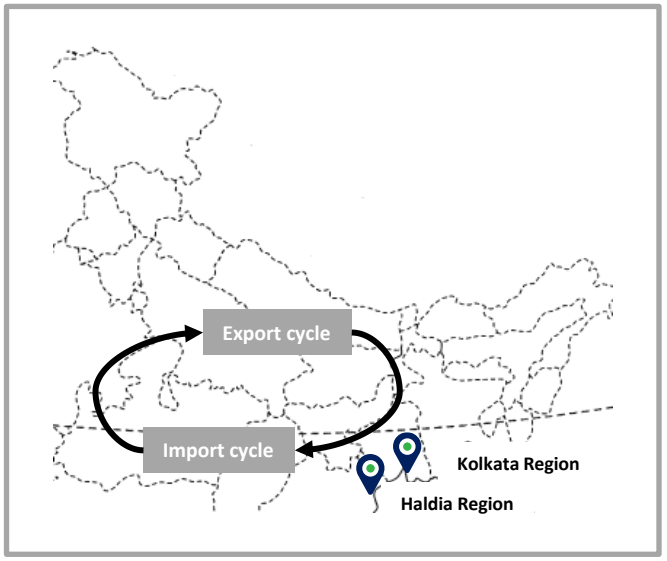
Transit movement across ICPs from Kolkata & Haldia Port Terminal for Dec'24:

Kolkata Port Terminal

Import Cycle	Mode	ICP Raxaul	ICP Jogbani
	Overall	113.6	106.0

Haldia Port Terminal

Import Cycle	Mode	ICP Raxaul	ICP Jogbani
	Overall	167.2	182.0



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06
Annexure

Annexure – Terminal Names

Abb.	Terminal Name	Port Name
BMCT	Bharat Mumbai Container Terminal(PSA)	JNPA
GTI	Gateway Terminals India (GTI)	JNPA
NSFT	Nhava Sheva Freeport Terminal (NSFT)	JNPA
NSIGT	Nhava Sheva India Gateway Terminal (NSIGT)	JNPA
NSICT	Nhava Sheva International Container Terminal (NSICT)	JNPA
ACMTTL	Adani CMA Mundra Terminal (ACMTTL)	Mundra
AICT	Adani International Container Terminal (AICT)	Mundra
AMCT	Adani Mundra Container Terminal (AMCT)	Mundra
AMCT-2	Adani Mundra Container Terminal-2 (AMCT-2)	Mundra
MICT	Mundra International Container Terminal (MICT)	Mundra
APM	APM Terminals Pipavav, Gujarat	Pipavav
KICT	Kandla International Container Terminal (KICT)	Kandla
AHPL	Adani Hazira Port Limited (AHPL)	Hazira
MPT	Mormugao Port Trust (MPT)	Goa

Abb.	Terminal Name	Port Name
CCTL	Chennai Container Terminal Pvt. Ltd. (CCTL)	Chennai
CITPL	Chennai International Terminals Pvt Ltd (CITPL)	Chennai
ICTT	International Container Transhipment Terminal, Kochi	Kochi
AKPPL	Adani Kattupalli Port Private Limited (AKPPL)	Kattupalli
AECT	Adani Ennore Container Terminal (AECT)	Ennore
DBGT	Dakshin Bharat Gateway Terminal (DBGT)	Tuticorin
PSA Sical	PSA SICAL Terminals	Tuticorin
AKCTPL	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	Krishnapatnam
NMPT	New Mangalore Port Trust Terminal	New Mangalore
KDS	Kolkata Dock System (KDS)	Kolkata
HICT	Haldia International Container Terminal (HICT)	Haldia
VCTPL	Visakha Container Terminal	Visakhapatnam
Paradip	Paradip International Cargo Terminal	Paradip

Annexure – ICD Names

List of ICD names used in the ICD Performance Index			
Ref. No.	**Name**	**Ref. No.**	**Name**
1	Dronagiri Rail Terminal CFS, Navi Mumbai	23	MMLP VARNAMA
2	ICD KHODIYAR	24	The Thar Dry Port Jodhpur
3	HTPL ICD Qilaraipur Ludhiana	25	KLPL ICD, Kanpur
4	CONCOR ICD, Dadri	26	ICD MANDIDEEP
5	ICD WHITEFIELD	27	Continental Warehousing Corporation Nhava Sheva Ltd ICD,Haryana
6	ICD SANATHNAGAR	28	Allcargo Logistics Park ICD, Dadri
7	Adani ICD, Tumb	29	Albatross Inland Ports ICD, Dadri
8	MMLP MIHAN	30	ICD KANPUR
9	Gateway Rail ICD, Sahnewal	31	ICD DAULATABAD
10	CONCOR Kanakpura ICD, Jaipur	32	MMLP TIHI
11	ICD DDL, LUDHIANA	33	APM Terminals ICD, Dadri
12	Hind Terminals Logistics Park ICD, Palwal	34	ICD MAJHERHAT
13	The Thar Dry Port ICD Ahmedabad	35	CMA CGM Logistics Park, Dadri
14	CONTAINER CORPORATION OF INDIA LTD - TONDIARPET (ICDTVT-T)	36	Gateway Rail Freight ICD, Pyala
15	MMLP BARHI	37	ICD Jajpur (Jindal Stainless Ltd.)
16	MMLP KHATUWAS	38	Kribhco ICD, Meerut
17	ICD ANKLESHWAR	39	Gateway Rail Freight ICD, Gurgaon
18	MMLP VISHAKAPATNAM	40	MMLP BALLI
19	ICD BGKT, JODHPUR	41	Adani Logistics Park ICD, Gurgaon
20	Vaishno Container Terminal-ICD Tarapur	42	APM Terminals Inland Services ICD Bhamboli
21	CFS VALLARPADAM	43	MMLP PANTHNAGAR (SIDCUL-CONCOR)
22	Pristine ICD Chawapail , Ludhiana		

Annexure – CFS Names - Western Region

List of CFS names used in the Western CFS Performance Index			
Ref. No.	**Name**	**Ref. No.**	**Name**
1	CWC Polaris logistics park	24	Rishi CFS, Mundra
2	Saurashtra CFS, Mundra	25	Balmer & Lawrie CFS, Navi Mumbai
3	Adani CFS Eximyard, Mundra	26	Ashte Logistics CFS, Panvel
4	Ameya Logistics CFS, Navi Mumbai	27	Transworld CFS, Mundra
5	CWC Conex Terminal CFS	28	Navkar Corporation Yard 2 CFS, Panvel
6	Punjab Conware CFS, Navi Mumbai	29	International Cargo Terminal CFS
7	Speedy Multimode CFS, JNPT	30	Ashutosh CFS, Mundra
8	TG Terminals CFS, Mundra	31	Apollo Logisolutions CFS, Panvel
9	EFC Logistics India	32	Maharashtra State Corp CFS
10	CWC CFS, Mundra	33	Seabird CFS, Navi Mumbai
11	MICT CFS, Mundra	34	Hind Terminals Pvt. Ltd. CFS, Mundra
12	Seabird CFS, Mundra	35	Honey Comb CFS, Mundra
13	Mundhra CFS, Mundra	36	Kerry Indev Logistics CFS,Mumbai
14	Landmark CFS, Mundra	37	Contrans Logistic CFS, Pipavav
15	CWC Dronagiri CFS, Navi Mumbai	38	Hind Terminal CFS, Hazira
16	JWC Logistics Park CFS	39	Transworld Terminals CFS,Mumbai
17	International Cargo Terminals (ULA) CFS, Navi Mumbai	40	LCL Logistics CFS, Pipavav
18	CWC Impex Park CFS, Navi Mumbai	41	Vaishno Logistics CFS, Navi Mumbai
19	Gateway Distriparks CFS, Navi Mumbai	42	Navkar Corporation Yard 3 CFS, Panvel
20	AllCargo CFS, Mundra	43	Navkar Corporation Yard 1 CFS, Panvel
21	Sarveshwar CFS	44	AllCargo Logistics CFS,Mumbai
22	Ocean Gate CFS, Panvel	45	Take Care Logistics CFS
23	JWR CFS	46	APM (Maersk India) CFS, Navi Mumbai

Annexure – CFS Names - Southern & Eastern Region

List of CFS names used in Southern CFS Performance Index

Ref. No.	Name	Ref. No.	Name
1	Sical CFS, Chennai Tiruvallur Tamil Nadu	23	Kences CFS Chennai
2	Allcargo Global Logistics CFS, Chennai	24	Adani CFS, Kattupalli Tiruvallur Tamil Nadu
3	Sanco Trans CFS, Chennai	25	Supply Chain Logistics Pvt LTD CFS,Chennai
4	Gateway Distriparks CFS, Chennai	26	Central Warehousing Corporation CFS,Banglore
5	Ennore Cargo Container Terminal CFS, Chennai	27	Marigold Logistics CFS
6	Triway CFS, Chennai	28	A S Shipping Agencies CFS, Tiruvallur
7	Kailash Shipping Services CFS, Chennai	29	Chandra CFS, Tiruvallur
8	Balmer Lawrie CFS, Chennai	30	Continental Warehousing Corporation Nhava Sheva Ltd,VOCPT
9	STP Services CFS, Chennai	31	Diamond CFS Park
10	Kerry Indev Logistics ICD, Kanchipuram	32	Thiru Rani Logistics CFS, Tiruvallur
11	Sattva Hi-Tech And Conware CFS, Chennai	33	Glovis India CFS, Kanchipuram
12	Sattva Cfs And Logistics CFS, Chennai	34	Vilsons CFS
13	Apm Terminals India CFS, Tiruvallur	35	A.S.Shipping Agencies CFS,VOCPT
14	Hind Terminals CFS, Chennai	36	Sical Multimodal and Rail Transport CFS,VOCPT
15	ICBC CFS Chennai	37	Sun Global Logistics CFS, Kanchipuram
16	Hari CFS	38	Continental Warehousing Corporation CFS (Nhava Seva), Chennai
17	Raja Agencies CFS	39	Kerry Indev Logistics CFS,Tuticorin
18	MIV CFS	40	Prompt Terminals (P) Ltd
19	Sudharsan Logistics CFS, Chennai	41	Continental Warehousing Corporation CFS (Nhava Seva), Tiruvallur
20	St. John Freight Systems Ltd. - ICD Division	42	Transworld Terminals CFS,VOCPT
21	ALS Tuticorin Terminal Private Limited	43	CWC CFS KUKATPALLY
22	GDKL CFS		

List of CFS names used in Eastern CFS Performance Index

Ref. No.	Name
1	Phonex CFS
2	Century Plyboards CFS, JJP
3	Century Plyboards CFS, Sonai
4	Balmer Lawrie CFS,Kolkatta
5	A L Logistics CFS
6	Transworld Terminals CFS,Kolkatta
7	Gateway East India CFS,Vizag
8	Sravan CFS-1
9	VCT CFS
10	Sravan CFS-2
11	Allcargo Logistics CFS,Kolkatta
12	Ralson Petro Chemicals CFS
13	CWC CFS, Kolkata
14	VPL Integral CFS
15	SICAL CFS,Vizag

Annexure – Container TAT and OADT, MADT Methodology

Container Turnaround Time (TAT)

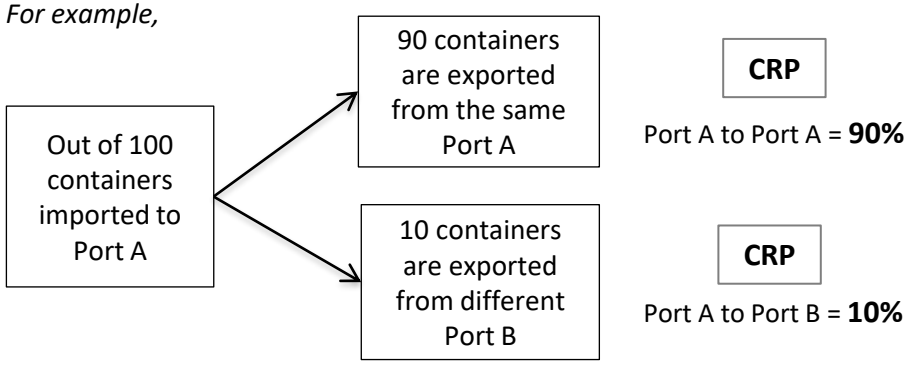
Container Turnaround Time (TAT) refers to the total time a container spends in a country, from its arrival to port in import cycle to its departure from the port in export cycle

Terminal Out Time Stamp (Export Cycle) - Terminal In Time Stamp (Import Cycle)

Container Retention Percentage (CRP)

Container turnaround analysis also showcases the percentage of container count (no. of boxes) retained by respective ports.

For example,



Overall Average Dwell Time (OADT) / Overall Average Volume (OAV)

Overall Average Dwell Time (OADT) / Overall Average Volume (OAV) refers to the average dwell time/volume of the entity, calculated from the inception of the entity

For example,

If the terminal/port has started its LDB operations from January 2020 then:

OADT/OAV (current month) = Overall average dwell time/volume of the terminal/port from January 2020 till current month

Monthly Average Dwell Time (MADT) / Monthly Average Volume (MAV)

Monthly Average Dwell Time (MADT) / Monthly Average Volume refers to the average dwell time/volume of the entity, calculated for all years of that month

For example,

If the terminal/port has started its LDB operations from January 2020 then:

MADT/MAV (Dec'24) = Monthly average dwell time/volume of the terminal/port combined for Dec'20, Dec'21, Dec'22, Dec'23 and Dec'24

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